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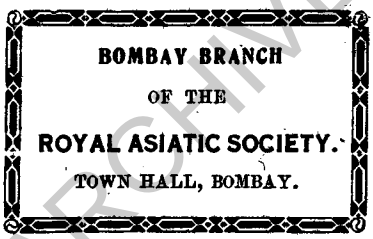

NATIONAL ARCHIVES OF INDIA

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Government of Bombay

POST-WAR RECONSTRUCTION

IN

BOMBAY PROVINCE

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REVISED FIVE-YEAR PLAN

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FOREWORD BY THE MINISTER FOR RECONSTRUCTION

The first task to which the Ministry applied itself on assuming office in April 1946 was to make a careful review of the Post-War Reconstruction Plan which had been framed during the Section 93 regime and was already in partial execution. It was soon apparent that an entirely new approach was called for in the framing of the Plan and as a first step towards this end Government announced its own post-war policy and objectives in a Press Note issued in June 1946, a copy of which is reprinted in this volume.

2. It is unnecessary within the limited compass of this Foreword to reiterate the principles of reconstruction and development which have been so clearly defined in the Press Note. The Post-War Schemes embodied in this volume have been conceived in accordance with those principles, and in drawing up the details Government has consulted public opinion through the reconstituted Provincial and District Rural Development Boards, and more immediately through a series of District Conferences which was inaugurated in November 1946 and is expected to be completed very shortly. The District Conferences, a dozen of which have already been held, are being convened by me personally at district headquarters and attended by Divisional and District Officers of the various Government Departments and by members of the Legislative Council and Assembly, Presidents of Local Bodies and other representative and responsible local leaders including social workers and members of the District Rural Development Boards. I have been very gratified at the enthusiasm and spirit of co-operation displayed at these Conferences. Officials and non-officials have got together and discussed local problems and local needs freely and frankly and made detailed suggestions for the development of their respective areas, which have been extremely helpful to Government in framing its schemes of development and more especially in fixing the relative priority of the schemes. By December 1946, Government's plan had matured sufficiently for the Cabinet to make specific allocations of funds under the main heads of development; and shortly afterwards I called a meeting of the Departmental Heads and Secretaries to Government to consider the measures necessary to execute the plan within the five-year period to which it relates. The question of recruiting adequate technical and administrative staff and simplifying departmental procedure with a view to maintaining a satisfactory rate of progress particularly engaged our attention.

3. It will be seen that the new Plan comprises 226 different schemes which are roughly classifiable under three groups. First of all is the agricultural group containing a variety of schemes, all converging on the land and aiming at the production of more food, and generally at the increase of rural wealth in all its forms. At various points the schemes in this group touched urban life also, as for example in the Milk Scheme in which production and supply are rural but the demand is conspicuously of the city. Irrigation and an intensive and extensive all-round agricultural development occupy pride of place in this group.

4. The second group relates to rural and urban areas equally. The schemes in this group provide what are commonly known as " nation building " services, viz., Education, Medicine and Public Health. The largest provision in this group is that relating to free and compulsory primary education.

5. The third group comprises a miscellany of schemes which either cluster round the factory or radiate to and from the town. They relate to the production of power, the fostering of industries, the improvement of communications

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and the organization of transport; they also relate to the welfare and particularly to the housing of industrial labour. It would not be correct to regard this miscellany of schemes as constituting a purely urban group. Their points of contact with the life and labour of the rural population are numerous. The Electric Grid, which is the biggest item in this group, for example, will vitally affect rural economy even as that economy will be affected by improved communications and a better organised transport service.

6. The allocation of funds to these three groups is as follows :—

	Crores. Rs.	Crores. Rs.
GROUP I.		
Irrigation—		
(*a*) Major	9·5	
(*b*) Wells, tanks, etc.	2·0	13·0
(*c*) Other minor	1·5	
	13·0	
Agriculture (including reclamation of khar and khajan lands)		8·7
Veterinary		0·6
Forests		0·9
Co-operation		0·9
Cottage Industries		0·2
Land Records, etc.		1·2
Milk Scheme		4·5
		30·0
GROUP II.		
Education		17·0
Medical		2·6
Public Health		1·4
Public Health projects		3·5
Village Water Supply		2·5
Amelioration of Backward Classes		1·0
		28·0
GROUP III.		
Electric Grid		8·5
Industries		1·0
Communications		5·5
Nationalisation of public transport		4·0
Labour Welfare		3·0
Housing		5·0
Other buildings (essential)		5·0
Miscellaneous (Social welfare, National parks, arts, etc.)		1·5
		33·5
Total of I, II and III		91·5

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7. The schemes as now published are described in simple and precise terms and need no further explanation. There is however a very important class of reconstruction and developmental work which cannot be expressed, or at best can be expressed only partially, in the form of Blue Book Schemes. I refer to the organization of debt relief and rural finance and such measures of agrarian reform as the introduction of the Record of Rights in Khoti and Inam villages and the prevention of the fragmentation of rural holdings ; all such work whether covered by specific schemes published in this volume or not will be pushed on with the utmost vigour.

8. As regards the financial aspects of the Plan I may recall the salient features of the statement on the point published on 10th November 1946. The cost of the Plan is proposed to be met from the following sources :—

(*i*) Subvention from the Central Government (Rs. 17½ Crores).

(*ii*) Provincial Reconstruction Fund (Rs. 12½ Crores).

(*iii*) Provincial revenue surpluses during the five year period (Rs. 10 Crores).

(*iv*) Fresh Provincial taxation during the five year period (Aggregate Rs. 10 Crores).

(*v*) The un-earmarked (" free ") balance of Rs. 10 Crores which constitutes the working capital of Government scheme of food purchase and distribution.

(*vi*) Provincial borrowing.

The gradual relinquishment of excise revenue due to Prohibition and increases in dearness allowance and in the salaries of low-paid staff are expected to be balanced by the proceeds of the Sales Tax which has already been introduced ; by an anticipated increase in the share of income tax proceeds allotted to the Province ; and by a possible share in the revenue from Estate Duties, the imposition of which is contemplated by the Central Government. The total borrowing will be about Rs. 31·5 Crores, but this borrowing is expected to be partly productive to start with, and fully productive ultimately. The net recurrent commitment at the end of the five-year period is expected to be about Rs. 7 Crores per annum, made up of about Rs. 6 Crores for the recurrent cost of the schemes and Rs. 1 Crore for the amortization of the loan. This commitment will be met by the proceeds from fresh taxation referred to under (*iv*) above, which are expected to reach the figure Rs. 6 Crores per annum at the end of the five-year period, and by an annual revenue surplus of about Rs. 1 Crore at the end of this period.

9. I would like to add a word more. No plan of Government can succeed unless the people are solidly behind it. There must first be an intense desire on the part of everybody for a fuller and a better way of life, for from such a desire alone will spring the local initiative and enterprise, and such a desire alone will provide the capacity for hard work on the part of all the people, that will make reconstruction, as we have planned it, a reality. The District Conferences have given Government an earnest of the good-will and co-operation of the public, and if every son and daughter of the Province is resolved to pull his or her weight, we can confidently hope, despite all distractions and difficulties, to build up the prosperous and contented Province of our aspirations.

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PRESS NOTE

(JUNE 1946)

Since its assumption of office, the Congress Ministry has been giving its most earnest consideration to the preparation of a comprehensive Reconstruction Plan aiming at developing the Province as a whole and benefiting all sections of the people in the shortest possible space of time. The various schemes formulated in the previous regime are also being carefully examined and such of them as accord with the new policy and fit into the framework of the new Plan will find acceptance with such modifications and alterations as may be necessary.

The Ministry's New Plan while not differentiating between the various parts of the Province or between the many sections of the population will nevertheless make special provision for backward areas and areas liable to periodic scarcity or stricken with endemic diseases and for the uplift of the backward classes and aboriginal tribes and their rapid integration with the rest of the community. The village will be the focal point of the Plan and rural development will be pressed forward vigorously so as to provide the villagers with all the necessaries and, as soon as practicable thereafter, also with all the amenities of an enlightened and cultured social life. Top priority will be given to schemes for providing an adequate supply of drinking water all the year round to all villages and for increasing the food-supply from all sources by an intensive and extensive campaign of all-round agricultural development, scientific exploitation of fisheries, and the extension of sheep farming, poultry farming, etc.

The construction of open wells and bores, tanks and other major and minor irrigation works, reclamation bunds, and village approach roads will figure prominently in the programme of works. The useful employment of the enforced leisure of the rural population during the non-agricultural seasons will be ensured by the active encouragement of cottage industries and secondary occupations. A long term programme for the development and extension of communications and electrical power generation and distribution is also being framed.

In urban areas, the reconstruction plan for the present aim at the early relief of the acute housing shortage and the provision of an efficient system of water supply and general sanitation, including the dust-proofing of streets and squares. Measures for ensuring a high level of employment of all able-bodied persons, housing of industrial workers and the just settlement of industrial disputes will also be taken in hand.

The cardinal principle of the Plan is the earliest possible satisfaction of the basic needs of the people in respect of drinking water, food, fuel, clothing, housing, medical relief and education, the promotion of increased agricultural

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and of large-scale and cottage industrial production; and the more equitable distribution of the national income. The gross inequalities between the status and incomes of the various classes that are an outrage against all decent-human instincts and poison human relations must be speedily redressed in accordance with the principles of social justice. To this end, Government has decided on the control and if necessary, the ownership and management by the State or Local Bodies wherever possible, of key industries and all public utilities. The activities of individuals who make little or no contribution to national production yet get a share in the national wealth out of all proportion to their effort will also be strictly controlled. Apart from the enactment of suitable legislation to secure this object, co-operative endeavour in all fields of production and distribution will be strongly fostered and encouraged.

The sole criterion by which any scheme will be judged is the concrete contribution it makes to the physical and moral well-being of the people.

The plan also envisages far-reaching measures of social reform such as improvement of the status of women and of the so-called depressed classes, promotion of communal harmony, education in the proper use of leisure, prohibition of the manufacture or sale of liquor and narcotic drugs except for medicinal purposes, suppression of prostitution and the white slave traffic and the prevention as far as practicable of professional begging and rehabilitation of beggars and destitute persons as useful members of society.

While many schemes of general benefit will be executed directly by the Government the over-all objective of the Plan will be the stimulation of local initiative, enterprise and leadership so that the people develop a sturdy self-reliance and work whole-heartedly for the advancement of their own happiness, prosperity and moral uplift. Whenever it is necessary to afford Government assistance to meet a local need or to make a subsidy, that assistance or subsidy will be regulated according to the co-operation and voluntary effort of the local people and local authorities.

For the successful implementation of the Plan much research and collection of statistical data will be necessary but these will relate to the most pressing needs and problems of the Province and the training of experts will also be directed to the same end.

As regards the resettlement of ex-servicemen, while the Government do not propose to treat them differently from the rest of the population, they recognize that their training, disciplined habits, and wider experience could be utilised in the best interests of the ex-servicemen themselves as well as of the general community in the execution of many of the development schemes contemplated in the Plan. All suitable ex-servicemen including I. N. A. personnel will be considered in making the appointments. The detailed preparation of the Plan in conformity with the principles enunciated above is being pressed on and will be completed before long.

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POST-WAR RECONSTRUCTION—REVISED FIVE YEAR-PLAN.

List of Schemes.

Scheme No.	Scheme.	Old Scheme Number, if any.	Rough cost of 5-Year Plan (in thousands of Rs.). Capital.	Recurring.	Total.
1	2	3	4	5	6
	Electric Grid.				
1	Electric Grid	(46)	7,60,24	85,76	8,46,00
	Major Irrigation.				
2	Major Irrigation Schemes ...	(76)	9,50,00	.....	9,50,00
	Agriculture.				
3	Expansion of the Agricultural College, Poona.	(1)	1,88	7,06	8,94
4	Establishment of Training Centres.	(2)	65	28,56	29,21
5	Training of village guides ...	.....	5,42	42,46	47,88
6	Vocational training of ex-servicemen.	.....	.....	1,50	1,50
7	Deputation of students for training abroad in agricultural and allied subjects.	(6-A)	.....	11,90	11,90
8	Establishment of a College of Agriculture at the Institute of Agriculture, Anand.	.....	15,00	12,00	27,00
9	Opening of a College of Agriculture in Karnatak.	.....	13,34	15,36	28,70
	Multiplication and distribution of improved strains of—				
10	(A) Paddy in Belgaum and Dharwar districts.	(18)	2	14,41	14,43
11	(B) Paddy in North Konkan tract.	(19)	3	17,62	17,65
12	(C) Nadiad bajri No. 207 ...	(20)	3	5,55	5,58
13	(D) Bajri, rabi, jowar, wheat and gram in extensive dry tracts of Deccan and Karnatak.	(21)	6	1,06,98	1,07,04
14	(E) Production of nucleus seeds of improved strains of important food grain crops.	(22)	1,12	3,88	5,00
15	Extension and organisation of vegetable and fruit cultivation in suitable areas.	(50)	3,37	6,07	9,44
16	Vegetable Development Scheme ...	.....	8	2,91	2,91
17	Expansion of irrigation facilities by (*a*) Construction and improvement of wells and tanks and (*b*) erection of pumping plants.	(54)	2,20,00	13,68	2,33,68

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LIST OF SCHEMES—*contd.*

Scheme No.	Scheme.	Old Scheme Number, if any.	Rough cost of 5-Year Plan (in thousands of Rs.). Capital.	Recurring.	Total.
1	2	3	4	5	6
	Agriculture—contd.				
18	Application of groundnut cake manure to paddy, irrigated wheat and irrigated jowar crop.	(48)	.....	16,18	16,18
19	Preparation of a mixture of ammonium phosphate, bone-meal and groundnut cake and its application to potato crop.	(49)	.....	54	54
20	Scheme for compost making by individual farmers in villages round Taluka Demonstration Centres.	.....	2,72	9,72	12,44
21	Scheme for compost making on co-operative and collective basis in selected areas.	.....	81	4,33	5,14
22	Scheme for town composting by Municipalities.	.....	1	3,99	4,00
23	Expansion of agricultural research.	(15)	8,17	25,23	33,40
24	Expansion of Experimental Farms.	.....	45	3,74	4,19
25	Research and extension work in bee-keeping.	.....	29	2,64	2,93
26	Establishment of Taluka Demonstration Centres.	(79)	1,25	7,01	8,26
27	Provision of adequate staff and contingencies for conducting district work of the Agricultural Department.	(16)	.....	20,87	20,87
28	Establishment required by the Deputy Director of Agriculture (Headquarters) for controlling the work under the schemes relating to the "Grow More Food" Campaign.	(17)	1	2,21	2,22
29	Land Improvement in scarcity areas.	(81)	37,50	50,00	87,50
30	Establishment of Land Improvement Research Section.	(81-A)	.....	2,67	2,67
31	Research work on contour strip cropping in areas under land improvement.	(81-B)	.....	2,11	2,11
32	Extensive work in Livestock Improvement.	(34)	2,12	15,45	17,57
33	Establishment of Cattle Breeding Farms.	(51)	.....	3,35	3,35
34	Establishment of sheep breeding sub-stations for improvement of sheep and wool in Khandesh, Ahmednagar, Satara, Dharwar and Ahmedabad districts.	(52)	36	3,40	3,76
35	Establishment of 17 Government poultry breeding farms for the useful breeds of poultry in Satara, Nasik, Surat, Poona, Sholapur, Ratnagiri, Belgaum and Kolaba districts.	(53)	1,31	2,97	4,28
36	Expansion of the headquarter staff of the Agricultural Engineer to Government.	(6)	.....	98	98

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LIST OF SCHEMES—*contd.*

Scheme No.	Scheme.	Old Scheme Number, if any.	Rough cost of 5-Year Plan (in thousands of Rs.) Capital.	Recurring.	Total.
1	2	3	4	5	6
	Agriculture—concld.				
37	Revival of the Boring Section ...	(24)	4,32	10,27	14,59
38	Research work in urgent problems connected with agricultural engineering.	(25)	8	53	61
39	Mechanical cultivation and re-organisation and expansion of the Agricultural Engineering Section.	(80)	33,74	25,65	59,39
40	Rural Development Organisation under the Agricultural Department.	.....	21	59,69	59,90
41	Organisation of a Publicity and Propaganda Section for rural propaganda.	.....	1,09,57	12,66	1,22,23
42	Setting up of workshops for the manufacture of and repairs to agricultural implements and machines.	.....	4,50	7,71	12,21
43	Expansion of Statistical Section ...	.....	27	4,73	5,00
44	Mixed Farming	.....	1,32	3,25	4,57
	Veterinary.				
45	Expansion of the Bombay Veterinary College.	(8)	3,00	2,80	5,80
46	Training for stockmen's course at the Bombay Veterinary College.	(8-A)	5	1,61	1,66
47	Assumption of full control of veterinary dispensaries by Government	(28)	1,50	5,00	6,50
48	Expansion of Supervising staff of the Civil Veterinary Department.	(29)	12	3,62	3,74
49	Expansion of Investigation staff and establishment of Animal Husbandry Research Station.	(30)	3,61	1,46	5,07
50	Manufacture of sera and vaccines in the Province.	(31)	5,00	2,34	7,34
51	Opening of Veterinary Dispensaries.	(85)	13,43	8,96	22,39
52	Extension of dipping operations ...	(87)	85	47	1,32
	Forests.				
53	Deputation of students and officers for training abroad in Forestry.	(8-B)	39	.....	39
54	Forest Rehabilitation	(58)	.....	5,00	5,00
55	Communications	(59)	7,00	.....	7,00
56	Forest buildings, wells, etc. ...	(60)	11,00	.....	11,00
57	Improvement of denuded areas ...	(88)	22,46	4,49	26,95
58	Creation of an additional Territorial Conservator's Circle.	.....	3,00	15,00	18,00
59	Creation of a Forest Research and Training Circle.	.....	6,25	9,00	15,25
60	Creation of a Forest Engineering Circle.	.....	.....	5,00	5,00

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LIST OF SCHEMES—*contd.*

Scheme No.	Scheme.	Old Scheme Number, if any.	Rough cost of 5-Year Plan (in thousands of Rs.). Capital.	Recurring.	Total.
1	2	3	4	5	6
	Co-operation.				
61	Training of staff	(7)	2	1,03	1,05
62	Co-operative Creameries ...	(56)	37	78	1,15
63	Milk Supply Unions	(57)	2	74	76
64	Establishment of Co-operative workshops.	(84-A)	40	20	60
65	Organisation of Co-operative Better Farming Societies.	.....	1,00	2,60	3,60
66	Extension of the Bombay Agricultural Debtors Relief Act, 1939.	(26)	6	37,86	37,92
67	Co-operative Organisations for financing areas where the Bombay Agricultural Debtors Relief Act, 1939, has been introduced.	(27)	5,75	7,25	13,00
68	Marketing development work, viz.— (*i*) Regulated Markets; and (*ii*) Co-operative Marketing ...	(83)	1,12	2,82	3,94
69	Extension of the Money-lenders' Act, 1946.	.....	25	18,50	18,75
69-A	Extension of the Bombay Tenancy Act, 1939.	.....	.....	12,19	12,19
	Cottage Industries.				
70	Training of wool-weavers in improved methods of hand weaving and spinning at a Technical Institute.	(14-A)	10	43	53
71	District Industrial Associations ...	(71-A)	10	2,83	2,93
72	Organisation of peripatetic parties on the existing lines in cotton weaving, wool weaving, tanning, etc.	(108)	78	6,86	7,64
73	Development of Cottage Industries (Schemes to be organised by non-official committee).	.....	9,00	.....	9,00
	Land Records.				
74	Prevention of fragmentation of and consolidation of agricultural holdings.	(84-B)	2,25	62,57	64,82
75	Introduction of Record of Rights in Khoti and Inam villages.	.....	13	55,85	55,98
	Minor Irrigation.				
76	Minor Irrigation works ...	.....	1,37,15	3,31	1,40,46
	Reclamation of khar and khajan lands.				
77	Reclamation of khar and khajan lands.	.....	24,72	54	25,26

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List of Schemes.

Scheme No.	Scheme.	Old Scheme No., if any.	Rough cost of five-year Plan (in thousands of Rupees).		
			Capital.	Recurring	Total.
1	2	3	4	5	6
	Education.				
78	Expansion of Engineering College, Poona, to meet P. W. R. demands of the Public Works Department.	(12)	10,27	9,31	20,28
79	Training of Primary Teachers ..	(13 and 96)	52,56	51,05	1,03,61
80	Training of technical personnel in connection with Electric Grid Scheme.	(14)	5,75	2,63	8,38
81	Sending private students and Government servants for training abroad.	(14-B)	....	3,24	3,24
82	Sending stipendiary students abroad for advanced studies in technical and scientific subjects.	(14-C)	22,28	....	22,28
83	Training abroad of higher technical personnel for post-war industrial development.	(14-D)	2,01	....	2,01
84	Strengthening of Inspecting staff ..	(41 and 105)	22	13,84	14,06
85	Expansion of Victoria Jubilee Technical Institute.	(42)	2,90	2,65	5,55
85A	Establishment of a degree course in Engineering at the V. J. T. I.	....	3,51	1,59	5,10
86	Establishment of an Industrial School at Satara.	(64)	2,50	83	3,33
87	Establishment of an Industrial School at Hubli.	(65)	2,50	4,19	6,69
88	Establishment of an Industrial School at Bijapur.	(66)	2,50	1,23	3,73
89	Reorganisation of the R. C. Technical Institute, Ahmedabad.	(70)	11,31	3,82	15,13
90	Hostels for girls	(97)	4,62	2,53	7,15
91	Agricultural Bias Schools ..	(98)	8,70	17,18	25,88
92	Opening of primary schools in schoolless villages.	(99)	30	28,06	28,36
93	Provision of play-grounds and school farms.	(100)	30,00	....	30,00
94	Opening of four more Agricultural High Schools.	(101)	9,71	4,11	13,82
95	Opening of more technical high schools.	(102)	56,62	8,18	64,80
96	Introduction of free and compulsory elementary education.	(103)	....	4,16,91	4,16,91
97	Construction of buildings for full grade and lower grade primary schools.	(104)	2,13,33	5,47	2,18,80
98	Medical Inspection and treatment of school children.	(106)	2,61	56,04	58,65
99	Supply of mid-day meals ..	(107)	50	33,90	34,40
100	Physical education	....	3,19	23,15	26,34
101	Secondary education	....	....	70,00	70,00
102	Establishment of an additional Engineering College.	....	47,75	17,00	64,75
103	Special organisation for industrial and technical education.	....	(Not worked out)		11,00
104	Establishment of Universities and grants to Universities, Colleges and Research Institutions.	....	24,00	49,95	73,95

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List of Schemes.

Scheme No.	Scheme.	Old Scheme No. if any.	Rough cost of five-year Plan (in thousands of Rupees).		
			Capital.	Recurring	Total.
1	2	3	4	5	6
	Education—contd.				
105	Visual Education	....	2,00	12,60	14,60
106	Adult education	....	....	58,60	58,60
107	Establishment of libraries ..	....	....	10,00	10,00
107A	Opening of Village Libraries ..	....	75	1,85	2,60
108	Museums	....	1,50	1,00	2,50
109	Craft training in primary schools ..	....	1,38,00	60,80	1,98,80
110	Opening of Government Lokashalas	....	2,47	22,35	24,82
	Medical.				
111	Improvement in medical education at the Grant Medical College, Bombay.	(10)	....	3,08	3,08
112	Establishment of College of Nursing, Poona.	(11)	1,07	1,76	2,83
113	Establishment of College of Nursing, Ahmedabad.	(11-A)	7	1,28	1,35
114	Training abroad in Nutrition work	(11-C) ..	....	15	15
115	Training of nurses in the United Kingdom.	(11-D)	....	57	57
116	Establishment of a Medical College at Poona.	(32)	3,87	8,81	12,68
117	Establishment of a Medical College at Ahmedabad.	(33)	26,03	8,48	34,51
118	Increase in the number of beds in the mofussil hospitals.	(35)	37,74	7,64	39,38
119	Creation of a cadre of technicians for X-Ray and laboratory work.	(36)	25	2,51	2,76
120	Ambulance service to Central Hospitals.	(37)	....	1,74	1,74
121	Conversion of dispensaries into Cottage Hospitals.	(38 and 89)	28,00	9,00	37,00
122	Creation of posts of subsidised Medical Practitioners.	(39 and 90)	....	8,65	8,65
123	Opening of three Tuberculosis Hospitals.	....	13,00	19,78	32,78
124	Establishment of four leper colonies	....	45,00	30,00	75,00
125	Establishment of infirmaries at Bombay and Ahmedabad.	....	3,50	4,02	7,52
	Public Health.				
126	Training of Subsidised Medical Practitioners in sanitary and public health work.	(9)	3,05	60	3,65
127	Expansion of existing facilities for the training of more sanitary inspectors.	(9)	4	2,65	2,69
128	Extension of the Malaria Organization by the formation of two additional squads.	(61)	4	1,90	1,94
129	Permanent Plague Organization ..	(62)	50	18,59	19,09
130	Establishment of District Health Organisation in each district.	(63)	8	20,00	20,08
131	Establishment of combined medical and public health units.	(92 and 94)	38,00	11,00	49,00
132	Establishment of two more Health Units in the Province on the lines of the Health Unit at Sirur.	(95)	6	3,86	3,92

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List of Schemes.

Scheme No.	Scheme.	Old Scheme No., if any.	Rough cost of five-year plan (in thousands of Rupees).		
			Capital.	Recurring	Total.
1	2	3	4	5	6
	Public Health—contd.				
133	Comprehensive malaria control scheme in Kanara and Dharwar districts.	....	50	17,50	18,00
134	Three mobile field hygiene, hospital units.	....	45	9,55	10,00
135	Six mobile health units ..	....	....	11,50	11,50
	Public Health Projects.				
136	Public Health Projects ..	(77)	3,49,54	....	3,49,54
	Village Water Supply.				
137	Improved Village Water Supply ..	(93)	2,42,40	3,78	2,46,18
	Town Planning and Valuation.				
138	Training abroad in Estate Management.	(11-E)	....	24	24
139	Expansion of the Town Planning and Valuation Department.	....	30	8,52	8,82
	Industries.				
140	Expansion of the Apprentice Scheme I.	(71)	50	1,84	2,34
141	Expansion of the Apprentice Scheme II.	....	50	1,83	2,33
142	Headquarter staff for planning and execution of the post-war reconstruction schemes pertaining to Industries Department.	(110)	1	2,02	2,03
143	District staff for planning, etc. of P. W. R. schemes of Industries Department.	....	2	1,30	1,32
144	Industrial Statistics and Intelligence	....	10	11,27	11,37
145	Expansion of the Industrial Chemists' laboratory.	....	5,50	3,50	9,00
146	Expansion of the Industrial Engineer's Workshop.	....	1,50	98	2,48
146A	Reorganisation of the Tanning Institute and Leather Working School, Bandra.	....	9,90	5,54	15,44
147	Appointment of 8 District Industrial Officers.	....	4	2,59	2,63
148	Appointment of footware and leather goods expert.	....	1	1,16	1,17
149	Appointment of Fibre Expert ..	....	1	1,16	1,17
150	Plant for manufacture of lead pencils.	....	1,25	2,15	3,40
151	Plant for manufacture of fountain pens and fountain pen nibs.	....	1,50	2,32	3,82
152	Plant for manufacture of safety razor blades, etc.	....	Dropped.		
153	Plant for manufacture of watches and clocks.	....			

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List of Schemes.

Scheme No.	Scheme.	Old Scheme No., if any.	Rough cost of five-year plan (in thousands of Rupees).		
			Capital.	Recurring	Total.
1	2	3	4	5	6
	Fisheries.				
154	Study of marine biology and establishment of an aquarium at Bombay.	(67)	5,38	1,34	6,72
155	Development of Inland Fisheries at Khopoli, etc.	(68)	3,00	45	3,45
156	Higher technical training for fishermen's children.	....	1,50	....	1,50
157	Subsidies and loans to fishermen to adopt modern fishing methods.	....	7,80	....	7,80
158	Establishment of Fisheries Schools at important fishing centres along the coast.	....	1,21	3,02	4,23
159	Stocking of inland waters with carp fry.	....	45	32	77
160	Establishment of ice and cold storage plants along the coast.	....	4,40	....	4,40
161	Establishment of Marine Biological Research Stations.	....	2,30	2,40	4,70
	Labour and Labour Welfare.				
162	Training of Labour Officers in U. K.	(14-F)	46	....	46
163	Completion of the "A" type Labour Welfare Centre at Sholapur.	(74-I)	70	1	71
164	Additions to and alterations in the Recreation Centre at Ahmedabad.	(74-II)	48	....	48
165	Establishment of "B" type centres, one each at Broach, Barsi, Amalner, Viramgam, Surat, Jalgaon, Dhulia, Nadiad and Hubli and three in Bombay.	(74-III)	10,76	62	11,38
166	Opening of two additional "A" type centres, one at Ahmedabad and the other at Sholapur.	(74-IV)	3,49	30	3,79
167	Expansion of cinema activities of the Labour Welfare Department.	(74-V)	3,15	38	3,53
168	Establishment of additional "C" type centres.	(74-VI)	3,47	87	4,34
169	Construction of a swimming pool at Worli.	(74-VII)	2,19	6	2,25
170	Research into industrial diseases and hazardous occupation.	(43)	1,00	25	1,25
171	Extension of Payment of Wages Act and enforcement of Trade Board minimum Wages and of compulsory standing orders in factories in the Province.	(72)	2,25	56	2,81
172	Extension of the Bombay Industrial Disputes Act and Recognition of Trade Unions.	(73)	1,50	37	1,87
173	Universal literacy among workers	....	30,00	7,50	37,50

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List of Schemes.

Scheme No.	Scheme.	Old Scheme No., if any.	Rough cost of five-year Plan. (in thousands of Rupees).		
			Capital.	Recurring	Total.
1	2	3	4	5	6
	Labour and Labour Welfare—contd.				
174	Anti-tuberculosis sanitoria for industrial workers.	....	45,00	8,09	53,09
175	Periodic medical examination of workers.	....	10,00	2,40	12,40
176	Post-employment training ..	....	81	18	99
177	Government Industrial Training Workshops at Bombay, Ahmedabad and Sholapur and in Karnatak.	....	30,00	3,50	33,50
178	Adult education (General) ..	....	1,97	45	2,42
179	Adult Education (Technical) ..	....	23,65	27	23,92
180	Co-operative Credit Homes and Centres.	....	91	23	1,14
181	Scholarships for higher studies for children of industrial workers.	....	5,73	1,43	7,16
182	Pre-Employment Training ..	....	3,61	43	4,04
183	Charkha classes	....	44	5	49
184	Holiday Homes	....	25,00	70	25,70
185	Convalescent Homes ..	....	35,00	45	35,45
186	Grant-in-aid to social institutions including wresting pits.	....	4,71	95	5,66
187	Opening of reading rooms and circulating library posts.	....	4,54	88	5,42
188	Production of films	....	8,00	1,75	9,75
189	Supervision of Welfare work in factories.	....	1,00	25	1,25
190	Recreation parks			Dropped)	
191	Construction of Workers' Recreation Pavillion at Sayani Road play-ground in Bombay.	....	1,94	10	2,04
192	Establishment of "B" type centres, one each at Poona, Gadag, Gokak and Chalisgaon.	....	3,49	37	3,86
193	Construction of a creche building attached to the "A" type centre at Sholapur.	....	42	4	46
	Housing.				
194	Housing of Industrial Workers ..	....	5,00,00	....	5,00,00
	Roads.				
195	Roads	(45 and 115)	5,54,68	11,52	5,66,20
	Buildings.				
196	(*a*) Included under various departmental schemes.	....	....	....	....
	(*b*) Buildings not included in any departmental scheme.	(75)	2,92,13	7,87	3,00,00
	(*c*) Office accommodation ..	....	96,00	2,90	98,90
	(*d*) Residential accommodation ..	....	99,60	....	99,60

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List of Schemes.

Scheme No.	Scheme	Old Scheme No., if any.	Rough cost of five-year plan. (in thousands of Rupees). Capital.	Recurring	Total.
1	2	3	4	5	6
	Other Schemes.				
197	Expansion of the Reconstruction Department in the Secretariat.	....	5	4,95	5,00
198	Grant-in-aid to institutions conducting social services (not covered by the rules).	....	50,00	....	50,00
199	Promotion of communal harmony	....	Dropped.		
200	Advancement of fine arts and culture.	....	4,82	16,00	20,82
201	Provision of national parks and public parks, playing fields, recreation grounds.	....	48,28	1,72	50,00
202	Establishment of a Communications Board for the Province.	....	(Not worked out)		25,00
203	Establishment of a Water Board				
204	Establishment of a Road Test Track and Soil Mechanics Research Station.	....	4,40	2,26	6,66
205	Training abroad in fermentation and distillery management.	(14-E)	(Included in Scheme 82.)		
206	Training Public Works Department personnel abroad.	(14-G)	40	....	40
	Nationalisation of Road Transport.				
207	Nationalisation of Road Transport	(44)	4,00,00	21,37,38	25,37,38
	Amelioration of Backward Classes.				
208	Primary Education	....	....	22,09	22,09
209	Secondary Education ..	....	....	14,62	14,62
210	Higher Education	....	....	7,56	7,56
211	Facilities for Agricultural Course ..	....	....	90	90
212	Training in Professions and Trades	....	....	1,08	1,08
213	Specialised jobs for women ..	....	....	2,18	2,18
214	Training in Industrial Trades ..	....	....	50	50
215	Co-operative Societies and Grain Banks.	....	....	6,50	6,50
216	Vocational Training ..	....	....	1,60	1,60
217	Agricultural Improvement ..	....	....	3,10	3,10
218	Health Improvements ..	....	....	10,13	10,13
219	House-Building Society ..	....	....	5,00	5,00
220	Tagai Loans	....	....	3,00	3,00
221	Propaganda	....	....	5,00	5,00
222	Discretionary grant with the Backward Class Department.	....	....	50	50
223	Staff	....	....	1,79	1,79
224	Construction of a Backward Class Hostel at Poona.	....	....	1,00	1,00
225	Demolition and erection of the Head Office of Backward Class Officer.	....	50	....	50
	Milk Supply.				
226	Milk Scheme	....	4,35,00	30,00	4,65,00

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SCHEME No. 1 (46).

1. *Department.*—Public Works Department.
2. *Scheme.*—Electric Grid.
3. *Brief description of the scheme.*—The objects in view are :
   (1) to rationalise the generation of electricity by generating it at a few selected stations having natural advantages ;
   (2) to make available progressively large amounts of electricity at low rates ; and
   (3) to bring electrical energy within reach of a progressively increasing number of the urban and rural population.

(*i*) It is proposed to establish an electric grid system in regions which lend themselves to such development economically under Quasi-State control. New power stations—both Hydro-Electric and Thermal—will be established. These and the existing efficient generating stations of licensees will wherever practicable be interconnected by the grid lines. Inefficient generating stations will be closed down and the licensees concerned supplied bulk power from local distribution. Whenever possible, rural areas within the grid region will be supplied electricity from the system.

(*ii*) It is also intended to establish small diesel stations in isolated townships which have some cottage industries and which cannot, within reasonable time, be served from the grid.

(*iii*) To promote rapid development of the use of electricity by agriculturists and cottage and small-scale industrialists, specially in the rural areas, it is proposed to assist them financially in acquiring utilisation equipment on hire-purchase terms.

(*iv*) When the Electricity (Supply) Bill, 1946, now before the Central Legislature is enacted, it is proposed to set up the Bombay Electricity Board which will be, under the provisions of the Act, charged with the work of rationalisation and development of electric supply in the Province.

The Grid scheme will then be taken over by the said Board.

(*v*) The schemes already sanctioned and under execution consist of—
   (*a*) North Gujarat Grid scheme based on Ahmedabad Electricity Company's Steam Station at Sabarmati ;
   (*b*) South Gujarat Grid scheme based on the proposed Government owned and operated steam station in the Surat region ;
   (*c*) Four small towns electrification schemes in Ratnagiri district based on small diesel stations ; and
   (*d*) Distribution of power in certain villages of two talukas (one in Surat district and the other in Satara district) based on power purchased from existing electric supply undertakings in the talukas concerned.

(*vi*) Preliminary investigations of :—
   (*a*) Koyna Hydro Project in Satara district and
   (*b*) Kalinadi Hydro Project in Kanara district are in hand.
   (*c*) Investigations are also in progress to determine the most advantageous method of utilising power available from the Mysore Government's Hydro-Electric generating station at Jog in the southern part of the Province.

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4. *Areas selected for application.*—Gradually the whole Province.

5. *Other departments concerned.*—General and Revenue Departments concerning the Local Bodies and possible acquisition of the Land and way-leaves.

6. *Upper staff for planning and for execution of the scheme.*—As in Enclosure I.

7. *Lower staff for planning and/or execution of the scheme.*—As in Enclosure II.

8. *How staff to be obtained.*—Gazetted staff through Public Service Commission. Non-Gazetted staff by public advertisement and/or by selection by the Special Officer from men already in Government Service.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

(*a*) *Capital* ... } As in Enclosure III.
(*b*) *Recurring* ... }

10. *To what extent is the scheme productive and/or cost recoverable.*—The scheme is expected to be self-supporting in about 15 years' time.

11. *Nature of material, machinery, etc., needed from*—

(*a*) *abroad* ... } As in Enclosure IV.
(*b*) *locally* ... }

12. *Any other remarks or information.*—Altogether a sum of Rs. 846 lakhs has been allotted by Government for Electric Grid scheme for the next five years. The schemes already sanctioned and under execution referred to under Item 3(*v*) above are estimated to cost Rs. 344 lakhs. Other schemes for which provision has been made are under detailed investigation and are expected to be sanctioned in due course.

ENCLOSURE I.

Upper Staff.

Number of posts.	Designation.	Scale of pay.
		Rs.
One	Senior Engineer	2,500—125—3,000.
One	Hydro Engineer	1,500—50—1,750—100—2,150.
One	Transmission Engineer	Do.
One	Diesel and Steam Engineer	Do.
One	Power Costing and Power Sales Enigneer	Do.
One	Civil Engineer	Do.
One	Senior Assistant Engineer (Hydro)	540—40—700—50—1,200.

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ENCLOSURE I—*contd.*

Number of posts.	Designation.	Scale of pay.
		Rs.
One	Senior Assistant Engineer (Transmission)	540—40—700—50—1,200.
One	Senior Assistant Engineer (Diesel and Steam)	Do.
One	Senior Assistant Engineer (Power Costing and Power Sales).	Do.
Three	Senior Assistant Engineers (Civil)	Do.
One	Junior Assistant Engineer (Power Costing and Power Sales).	250—20—750.
Eight	Junior Assistant Engineers (Civil)	Do.
Thirteen	Junior Assistant Engineers (Electrical and Mechanical).	Do.
One	Establishment Officer	300—20—420—E.B.—30—660—E.B.—40—900.
One	Accounts Officer	Do.
One	Chief Draftsman	300—15—420—20—500.

ENCLOSURE II.

Lower Staff.

Number of posts.	Designation.	Scale of pay.
		Rs.
Forty-one	Technical Assistants (Electrical and Mechanical).	70—5—110—10—250. (Graduates to start on Rs. 120.)
Thirty-six	Technical Assistants (Civil)	Do.
Three	Senior Draftsmen (Electrical and Mechanical)	165—8—245.
Four	Assistant Draftsmen (Electrical and Mechanical).	125—5/2—190.
Four	Draftsmen (Civil)	(1) 110—10—180 (for graduates in civil engineering). (2) 90—5/2—140 for others.
Four	Assistant Draftsmen (Civil)	(1) 70—5—110 (for Diploma-holders in Civil Engineering). (2) 50—5/2—90 (for others).
Four	Tracers (Electrical and Mechanical)	25—2—55—3—70.
Seven	Tracers (Civil)	Do.

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ENCLOSURE II—*contd.*

Number of posts.	Designation.	Scale of pay.
		Rs.
Three	Computors	25—2—55—3—70.
Three	Superintendents	225—15—300.
Seven	Senior Clerks	150—10—220.
Fourteen	Junior Clerks (Higher Grade)	95—5—140.
Twenty-one	Junior Clerks (Lower Grade)	50—5/2—90.
One	Stenographer	150—5—250.
Seven	Steno-typists	75—5/2—90—5—140.
Four	Typists	50—5/2—90—5—140.
One	Telephone Operator	70—3—100.
Two	Daftaries	30 p.m. (fixed) each.
One	Mali	20—1/2—30.
One	Sweeper	25 or 21 p.m. (both fixed) for male or female, respectively.
Two	Chowkidars	23 p.m. each.
Seven	Havildars	28 p.m. each.
One	Naik	27 p.m. each.
Fifty-six	Peons	9 on Rs. 25 p.m. each. 19 on Rs. 24 p.m. each. 28 on 23 p.m. each.
Two	Hamals	23 p.m. each.
	Posts and Pay Scales for Mofussil Centres.	
Two	Accountants	80—8—200—25/5—225.
Two	Head Clerks	115—5—160.
Two	Senior Accounts Clerks	95—5—115.
Ten	Clerks	70—5—95.
Two	Steno-typists	25—5/2—65 *plus* Shorthand Allowance.
Sixteen	Clerks	25—5/2—65.
Two	Store-Keepers	70—5—95.
Two	Daftaries	25 p.m. each in offices of Heads of Departments and Rs. 20 p.m. each in other offices.
Two	Naiks	On sanctioned rates.
Fourteen	Peons	Do.
Two	Chowkidars	Do.
Thirty-two	Sub-divisional Clerks	25—5/2—65.
Thirty-four	Inferior servants	On sanctioned rates.

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ENCLOSURE III.

Probable details of Capital and Recurring Expenditure on Electric Grid scheme during the 1st Five-Year period.

	1st year.	2nd year	3rd year.	4th year.	5th year.	Total.
	(in thousands of Rs.)					
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Capital—	1,10,95	1,47,67	80,12	1,90,81	1,47,24	6,76,79
Add for accelerated schemes in the South	...	...	...	...	...	83,45
Net total capital expenditure	...	...	...	...	...	7,60,24
Recurring—	21,06	17,24	20,92	24,26	25,00	1,08,48
Deduct 3½ per cent. on capital expenditure during the period (Rs. 6·49 crores)** ...	—3,05	—4,24	—1,97	—6,17	—4,37	—19,80
						—2,92†
Net recurring	18,01	13,00	18,95	18,09	20,63	85,76
					Grand total ...	8,46,00

Note.—Recurring expenditure is inclusive of net deficit on Capital schemes which will come in operation during the period. Deficit is calculated after allowing for Interest on Capital and Depreciation of Plant—totalling about 6 per cent. of Capital.

**The Capital expediture on Nursery schemes, amounting to Rs. 110·94 lakhs, is excluded for purposes of recovery of headquarters charges.

†This represents 3½ per cent. on 83,45 lakhs shown in lump for accelerated schemes in South and has been left undistributed.

ENCLOSURE IV.

(*A*) *List of Heavy Plant and Equipment to be ordered from Abroad.*

Item No.	Description.
1.	Hydro Electric Generating equipment.
2.	Steam Turbo Alternator Sets.
3.	Diesel engine generating sets.
4.	Boiler Plant.
5.	Power Station cranes and haulage equipment.
6.	Pumping sets—engine driven and electrically driven—welding sets and Compressors.

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ENCLOSURE IV—*contd.*

Item No.	Description.
7.	Stone Crushers, Concrete Mixers and Road Rollers.
8.	Concrete Vibrators.
9.	Calyx Drills with Engines.
10.	Grouting Sets with hoses.
11.	Cement Guns.
12.	Pneumatic Drills.
13.	H. T. & E. H. T. Transformers.
14.	H. T. & E. H. T. Crrrent and Potential Transformers for metering and protective equipment.
15.	Controlling, Metering and Protective equipment, including Battery, Motor-Generating Sets and Rectifiers.
16.	Synchronous Condensers.
17.	H. T. & E. H. T. Switchgear including disconnects, oil or air blast circuit breakers and fuse switches.
18.	H. T. & E. H. T. Lightning arresters.
19.	Pin, Post, Suspension and bushing type insulators for H. T. & E. H. T. Service with hardware.
20.	Steel Tubular poles.
21.	Conductors A. C. S. R. & Copper.
22.	Galvanised Steel Wires including earth wires of extra Best Siemens Martin quality and guy wires.
23.	L. T. & H. T. Cables including paper and varnished cambric insulated types, armoured and unarmoured, with accessories.
24.	Transport equipment.

(*B*) *List of Equipment and principal materials to be purchased locally.*

1.	Transformer L. T. & H. T. up to 11 kV.
2.	Conductors—Copper.
3.	V. I. R. and Weatherproof cables and small copper wires and galvanised wires.
4.	Steel sheets for pipe lines, steel sections for transmision line and substation towers and for structural purposes and G. I. and Black plain and corrugated sheets with accessories.
5.	Cement.
6.	Steel Sheet Piling.
7.	Wooden Poles, R. C. C. poles and Lattice poles.
8.	Pumping Sets of smaller capacities, semi-rotary hand pumps, small tanks for storage.
9.	Insulators, L. T. Distribution and Telephone type.
10.	Tents, Tarpaulins and Rahuties.
11.	Medical, Surgical and other hospital equipment.

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SCHEME No. 2 (76).

1. *Department.*—Public Works Department.

2. *Scheme.*—Major Irrigation Projects.

3. *Brief description of the scheme.*— } *Vide* statement "A" attached.
4. *Areas selected for application.*— }

5. *Other departments concerned.*—Revenue and Reconstruction.

6. *Upper staff for planning and/or execution of the scheme.*— } Details of staff and cost have to be approved by Government—*Vide* statement "C" attached.
7. *Lower staff for planning and/or execution of the scheme.*— }
8. *How staff to be obtained.*— }

9. *Rough estimates of cost at Post-War Rates (Pre-War + 100 per cent.) for each year of the First Five-Year Plan.*—

	1st Year.	2nd Year.	3rd Year.	4th. Year	5th Year.	Total.
	(in thousands of Rupees).					
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Capital—						
Works Expenditure ...	19,62	96,10	1,53,85	2,30,57	2,30,57	7,30,71
Establishment Charges ...	5,88	28,90	46,15	69,18	69,18	2,19,29
Total ...	25,50	1,25,00	2,00,00	2,99,75	2,99,75	9,50,00

Recurring—No recurring expenditure would be required during the first five years.

10. *To what extent is the scheme productive and/or cost recoverable.*—*Vide* statement "A".

11. *Nature of material, machinery, etc., needed from*—

(*a*) *abroad.* } *Vide* statement "B" attached.
(*b*) *locally.* }

12. *Any other remarks or information.*—Out of 36 works shown in the accompanying statement "A", schemes shown in the margin† have been taken up for detailed investigation

†*Northern Division.*

1. Meshwa Canal Project.*
2. Wardala Tank Project.*
3. Mahi Canal Project.*
4. Tapti Canal Project.

Investigation and preparation of plans and estimates have been more or less completed in the case of schemes marked* and in other cases surveys are

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Central Divison.

1. Vir Dam Project.*
2. Tisangi Tank.*
3. Gangapur Dam.*
4. Mangi Tank.*
5. Sapatna Tank.*
6. Raising Chankapur Dam.*
7. Girna Dam Project.
8. Khamgaon Tank Project.
9. Budhial Tank Project.
10. Khadakwasla Dam.

Southern Division.

1. Feeder channel to Gaddikeri Tank.
2. Asoga (Malaprabha) Dam Project.
3. Daddi (Ghataprabha) Project including Gokak Left Bank Canal Extension.

in progress. On receipt by Government the projects will be scrutinised and examined and schemes selected for construction. Irrigation Projects, being of a technical nature, require a great deal of investigation, including examination of dam sites geologically, before the schemes can assume a final form ready for execution.

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STATEMENT A.

Revised Programme of Major Irrigation Works.

Serial No.	Name of Project.	Storage capacity in M. Cft.	Area to be irrigated in Acres.	Rough estimated cost at Post-War Rates in lakhs of Rs.	Percentage Return.	Remarks.
1	2	3	4	5	6	7
		NORTHERN DIVISION.				
1	Meshwa Canal Project ...	Pick-up weir scheme.	10,000	17·18	2·4	No storage. Pick-up weir at Raska in Mehmedabad Taluka in Kaira district. The area under command lies in Mehmedabad and Matar talukas. The project is not mixed up with any of the States. Project completed. It is under scrutiny.
2	Mahi Canal Project ...	10,602	1,20,000	300	2·6	The storage is at Kel on the Panam River (a tributary of the Mahi). The pick-up weir will be at Wanakbori on the Mahi river on the border of Kaira and Panch Mahals districts. The Canal will be on the right bank of the river and will irrigate areas in the talukas of Thasra, Anand, Nadiad and Matar (Kaira district). The storage reservoir will submerge an area of 3,246 acres in Lunawada State and 2,375 acres in the Matral Estate Talukdari. However, the scheme will not irrigate any area in the above or any other State. Project under revision.
3	Watrak Canal Project ...	5,700	70,000	108	2	The reservoir is situated at Bhimpura in the Magodi State. The canal also intercepts some territories of some more States—Idar, Bawada and other small States in the Mahi-Kantha Agency. The storage will submerge about 6,700 acres in Magodi and Malpur States. The project is to be resurveyed. The project serves area in Kaira district.

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STATEMENT A—*contd.*

Serial No.	Name of Project.	Storage capacity in M. Cft.	Area to be irragated in Acres.	Rough estimated cost at Post-War Rates in lakhs of Rs.	Percentage Return.	Remarks.
1	2	3	4	5	6	7
			NORTHERN DIVISION—*contd.*			
4	The Tapti River Project ...	Pick-up weir...	1,17,000	86·00	4	The scheme consists of a pick-up weir at Kamalpur 26 miles above Surat. Two canals will take off one on each side of the river. The scheme will benefit the talukas of Mandvi, Olpad, Chorashi, Bardoli, Jalalpur, Chikhli and Bulsar (Surat district). The canal lines pass through territories of Baroda and Sachi States. Detailed surveys are to be done.
5	The Wardala Tank Project ...	234	4,500	9·00	2·5	Scheme consists of an earthern dam on the Zamar river at Wardala in Kapadwanj Taluka of the Kaira district. The investigation is complete Preparation of plans and estimates is in progress. An area of about 40 acres will have to be acquired in Balasinor State.
6	The Patadungri Tank Project ...	546	20,000	15·64	1·7	Consists of an earthern. dam across the Khan river in Dohad Taluka of the Panch Mahals District. The project is postponed by Government for the present.
			CENTRAL DIVISION.			
7	Vir Dam Project ...	9,600	90,000	167·00	1·94	Consists of a composite Dam at Vir in Poona district. Submerges land in Bhor State territory. Negotiations with the State are not yet finalised. The areas irrigated by the existing canals will be extended by the new storage though no new area will be commanded. A supply sufficient for irrigation of 3,000 acres of cane inclusive of overlap lake. The supply will be drawn by lift. Plans and estimates under preparation.

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8	Khadakwasla Project	...	11,000	42,100	215	2·13	Consists of a new dam below the existing one. The project is under revision. The storage will submerge areas in Bhor State territory. The supply will be used for larger areas under command of the existing canals. The area is in Poona district.
9	Gangapur Dam Project	...	5,500	61,000	173·00	2·15	Project is ready and under scrutiny of the Chief Engineer. The dam is situated at Gangapur above Nasik City. The storage besides supplementing the existing supplies to the Godavari Canals will provide water supply to Nasik City. The Gangapur falls below the dam will also be harnessed for electrical energy.
10	The Girna Project	...	21,000	1,10,500	248·00	2·7	Investigations in progress. The areas served will be in Khandesh districts. The work consists of a storage at Panjham in Malegaon Taluka in Nasik district.
11	The Mule Project ...	...	11,000	1,16,100	396·00	3·58	The scheme is partly surveyed. It consists of two tanks at Chas and Mandvi, a pick-up weir at Tas. The scheme benefits the Rahuri, Newasa and Shegaon talukas of the Ahmednagar district.
12	Tisangi Tank	...	700	7,200	20·00	2·00	Project under scrutiny of the Chief Engineer. It is a tail tank of the Nira Right Bank Canal in Sholapur district.
13	Bhamburdi Tank	...	.....	.....	9·00	.....	Not reviewed. Situated in Malsiras Taluka of Sholapur district.
14	Raising Chankapur Dam	...	200	600	5·00	1·2	Under preparation. Intended to augment supplies to the existing Girna Canal in Nasik district.
15	Khamgaon Tank	...	240	.....	2·2	4·5	Not reviewed. Poona district.
16	Victoria Tank	...	400	.....	2·4	1·8	Not reviewed. Poona district.
17	Manji Tank	...	.....	.....	9·5	.....	Not reviewed. Sholapur district.
18	Saptana Tank	...	.....	.....	3·70	.....	Not reviewed. Sholapur district.

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STATEMENT A—*contd.*

Serial No.	Name of Project.	Storage capacity in M. Cft.	Area to be irrigated in Acres.	Rough estimated cost at Post-War Rates in lakhs of Rs.	Percentage Return.	Remarks.
1	2	3	4	5	6	7
			CENTRAL DIVISION—*contd.*			
				Rs.		
19	The Kukadi Project ...	1,24,650	622	2·8	...	Investigations not yet made. The proposals comprise:— (1) Pick-up weir with a small storage of 1,562 m.cft. at Pimpalwandi on the Kukri. (2) A storage on the Ghod river at Sakora 4 miles west of Poona–Nasik Road capacity 19,340 m.cft. (3) Feeder canal from (2) to (1) above. Serves areas in Poona, Ahmednagar and Sholapur districts.
20	Bhima Project ...	9,000	70,000	280·50	.....	Not yet investigated.
21	Dhom Project ...	.....	30,000	216·00	.....	Satara district. The storage possibility is up to 10,000 m.c.ft. The investigation of the project is yet to be made. It will benefit areas in Satara district. The Director of Geological Survey expressed doubts about the feasibility of a storage at Dhom. Again the extension of the Krishna Canal will chiefly benefit minor Deccan States, the areas in which are already very fertile. The Koyna valley project if executed will also supply the Krishna Canal.
22	Tank at Undirgaon ...	.....	3,000	11·05	.....	Sholapur district.
23	Tank at Budhial ...	.....	18,400	26·27	.....	The scheme consists of a storage which benefits areas in Sholapur district, particularly Karmala taluka.

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24	Tank at Ranand ...	.....	4,000	10·87	.....	The tank is situated in the Man taluka of Satara district.
25	Tank at Wasdan ...	.....	9,780	14·47	.....	Khandesh district.
26	The Koyna Valley ...	.....	37,000	164·00	.....	The storage will be near Helwak in Satara district. The project will also be combined with a Hydro-Electric scheme. Investigations are to be made.
		SOUTHERN DIVISION.				
27	Improvements to the Gaddikeri Tank.	.....	.....	6·2	.....	Project not complete. Belgaum district.
28	Pick-up weir scheme at Shivyogamandir, across the Malaprabha.	.....	.....	20·4	0·64	In Bijapur district. Further action on investigation of the project will depend on the decision of Government regarding the participation in the Ramdurg Durbar's scheme of a Weir at Kolchi on the same river.
29	Asoga Reservoir scheme with storage on the Malaprabha.	20,000	74,200	472·00	3·5	Belgaum district. Dam site under investigation.
30	Gokak Left Bank Canal scheme (extension).	.....	40,000	27·00	0·65	Belgaum district. The canal intercepts territories of Kurundwad and Kolhapur States. The Durbars have agreed to the acquisition of land in their respective States. The project is yet to be surveyed.
31	The Don scheme ...	.....	.....	.....	.....	Bijapur district. Investigation of the project is postponed till the results of observations of the salinity of the waters of the river are available.
32	The Daddi Project ...	18,000	1,45,000	967·00	.....	Storage at Daddi in Belgaum district. The project was fully investigated in the past. The main features that led to the shelving of the project are— (1) Rich rice land to the extent of 25,482 acres will be submerged under the lake. The compensation as reckoned then amounted to Rs. 1,47,00,000. The cost of Dam was Rs. 1,00,00,000. (2) It would displace 22,000 souls all in British territory. Further investigation will be necessary including alternative site for the storage.

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STATEMENT A—*contd.*

Serial No.	Name of Project.	Storage capacity in M. Cft.	Area to be irrigated in Acres.	Rough estimated cost of Post-War Rates in lakhs of Rs.	Percentage Return.	Remarks.
1	2	3	4	5	6	7
			SOUTHERN DIVISION—*contd.*			
				Rs.		
33	The Markandaya Project ...	.....	.....	256·5	.....	Belgaum district. To be investigated. A water supply project on the same river for Belgaum City and other smaller townships and irrigation in Kurundwad State is under scrutiny. The project is proposed by Mr. Narendra Sing Singhi.
34	The Dharma Canal scheme ...	.....	14,500	9·30	.....	An alternative site for a storage will have to be found out. The old site at Yamagalli in Dharwar district presented technical difficulties which could not be overcome except at prohibitive cost.
35	Tank at Kohalli ...	.....	4,300	9·12	.....	In Belgaum district.
36	Benchidori Irrigation scheme on Tatti Nalla.	.....	2,000	30·00	.....	Kanara district.

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STATEMENT B.

SCHEME No. 2.

IRRIGATION WORKS.

Showing the nature of the machinery required in connection with Irrigation schemes included in the Post-War Programme

Serial No.	Name of Machine.	Total requirements.	Immediate requirements
1	2	3	4
1	Mortar Mills 7'-0" dia. of Pan	84	10
2	Stone Crushers Doggle type, 24" × 12"	18	3
3	Crushing Rolls 36" × 18" size of roller	18	.....
4	Elevating and screening plants	18	3
5	Motor trucks, 3 Tons	75	25
6	Do. 5 Tons	25	10
7	Crude Oil Engines, 35 to 40 B.H.P.	35	3
8	Do. 20 to 25 B.H.P.	15	5
9	Portable Crude Oil Engines, 10 to 15 B.H.P.	20	8
10	Pumps 600 G.P.M. against 50 ft. head	20	5
11	Pumping sets 120 G.P.M. against 120 ft. head	40	25
12	Trailor pumps 250 G.P.M. 200 ft. head	8	1
13	Portable pumping set 50 G.P.M. against 70 ft. head ...	4	1
14	Pumps 1,000 G.P.M., against 50 ft. head	8	.....
15	Do. 500 G.P.M. do.	8	.....
16	Do. 250 G.P.M. do.	8	.....
17	Cement Guns with compressor sets 2 cu. yds. per hour capacity.	8	2
18	Portable compressor sets— 900 C.ft./min. at 100 ft. per square inch.	24	5
19	Waggon Drills with detachable bits 2" diameter	8 doz.	20
20	Drifters, 2" diameter	8 hox.	.....
21	Calyx shot core Drills, 3½" dia. of core	8	4
22	Mobile Cranes, 3½ to 5 tons	8	1
23	Do. 2 to 3 tons	4	.....
24	Pneumatic Rotary Grinders	4	1
25	Water Wagons, 800 Gallons	25	20
26	Water wagons, 500 Gallons	15	10

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STATEMENT B—*contd.*

Serial No.	Name of Machine.	Total requirements.	Immediate requirements.
1	2	3	4
27	Light Railway track, 2′-0″ gauge with points and crossings Right hand and Left hand turn outs.	40 miles.	8 miles.
28	Tipping wagons, 36 c. ft., 2′-0″ gauge	200 Nos.	30 Nos.
29	Do. 27 c.ft. do.	100	15
30	Do. 18 c.ft. do.	200	.....
31	Diesel Locomotives, 5 Tons Model, 33/49 B.H.P. ...	8	.....
32	Triple Gear, Pulley Block, 3 Tons	20.	3
33	Do. do. 1 Ton.	20	3
34	Crab winches, 1 Ton direct from barrel	12	1
35	Crab winches, 2 Ton do.	12	1
36	Pulley blocks for above for wire rope	12	1
37	Do. for chain	12	1
38	Heavy duty single drum electric hoists, 50 H.P.	16	.....
39	Hoists with self raising towers, 37 ft. high, capacities one Ton, single drum type, operated by Diesel or petrol engines.	24	.....
40	Rope winding brake drums hand operated	24	.....
41	Cable ways, 5 tons capacity span 2,000 ft. Height of head and tail towers, 25 to 40 ft. Hoisting line about 120 ft.	4	.....
42	3/8 cu. yd. Excavators convertible into shovel Dragline, Drag shovel, Skimmer, Grabing crane and crane.	12	.....
43	½ cu. yds. do.	12	.....
44	2 cu. yds. Dumpers	40	.....
45	Derricks, 20 ft. height, 5 ton capacity	24	.....
46	Crawler Tractors, 130 drawbar H.P.	4	.....
47	Do. 35 to 40 H.P.	4	.....
48	Bull dozers to suit 130 H.P. Tractor	4	.....
49	Angle dozer to suit 35 to 40 H.P. tractor	4	.....
50	Carryall Scrapers, 3 to 4 cu. yd. capacities	4	.....
51	Sheeps-foot Roller, 5 to 6 tons	4	.....
52	Three Roll Type Rollers—8 tons	4	.....
53	Workshop plants	4	.....
54	Hydro-electric turbo-generators, 800—1,000 kws.	4	.....

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STATEMENT B—*contd.*

Serial No.	Name of Machine.	Total requirements.	Immediate requirements.
1	2	3	4
55	Turbine pipe line	4	.....
56	Induction Motors, 100 B.H.P.	4	.....
57	Do. 40 B.H.P.	20	.....
58	Transformers about 50 KVA to 12,000 KVA, (38 KV) ...	12	.....
59	Lightning arresters	4	.....
60	Switch boards	4	.....
61	Oil Circuit breakers	12	.....
62	Concrete mixers, 10/7 capacity	12	.....
63	Briquettee testing machines, 100 Tons	4	.....
64	Do. 10 to 15 Tons, hand operated ...	4	.....
65	Steel Barges, 3 to 5 tons capacity	8	.....
66	Motor Boats	4	.....
67	Hydraulic Jacks, 10 to 20 ton capacity	20	.....
68	Screw Jacks, 5 ton capacity	20	.....
69	Portable Engine, (Steam), 9 N.H.P.	8	.....

Note.—The information given in the above statement is a fair indication of the probable requirements of materials and machinery so far as can be seen at present.

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STATEMENT C.

SCHEME No. 2.

IRRIGATION (ESTABLISHMENT).

Item.	No. and designation.	Scale of pay. Rs.
1. Technical staff for planning and execution.	1 Chief Engineer (also responsible for Roads and Buildings schemes and their execution).	2,750—125—3,000.
	1 Superintending Engineer ...	1,750—100—2,150.
	*4 Executive Engineers ...	510—30—660—40—1,020.
	16 Deputy Engineers ...	170—10—250—E.B.—265—15—400—420—20—500.
	64 Overseers ...	70—5—110—10—250.
2. Office staff ...	As per unit sanctioned in G.R., P.W.D., No. 5717/36 (1), dated 26th April 1945.	

*The number of Divisional charges will depend on the number and magnitude of the Irrigation schemes taken up for execution at a time.

3. *How staff to be obtained.*—The technical staff will be obtained :—

(1) Partly by promotion from within the Department,

(2) Partly by recruitment from the market (through the P. S. C.) of men without War or Defence Force Services,

(3) Partly by recruitment of men from the market or direct from the Defence Forces (through the P. S. C.) of men with War service.

The ratio between (2) and (3) will be fixed 50 : 50 for the time being.

Notes :—(1) Government has since increased the rates of guaranteed appointments to the B. S. E. Class I and Class II and the S. S. E. Services. The admissions to the B. E. and Diploma Course of College of Engineering, Poona, have already been increased by 50 per cent. to allow for the increased number of students to be trained for the three technical services. The question of increasing further admission to the College of Engineering, Poona, is being considered separately. It will also be necessary to give a special temporary guarantee for the B. S. E. Class II and the S. S. E. (over-(sees), from April 1945 to April 1949, inclusive, for purposes of training technical men who are required for Irrigation, Roads, Buildings and Public Health schemes.

(2) Government has started classes for training sub-overseers and maistries, who will be required in large numbers for the execution of Post-War Reconstruction schemes in general.

(3) No special measures of recruitment are necessary for the training of non-technical services, such as clerks, draftsmen, etc., excepting the training of Sub-Divisional clerks. The training classes for Sub-Divisional clerks have since been opened.

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AGRICULTURE.

(Schemes 3 to 44).

The Cabinet's allocation for the sub-head of development "Agriculture" is Rs. 10,40,27,000 over five years. The total cost of Agricultural Department schemes comes to Rs. 10,60,65,718, *excluding* a total amount of Rs. 15,11,14,400 which is wholly recoverable (schemes 14, 17, 19, 29, 41 and 44). The small excess of Rs. 20,38,718 is more than offset by the total anticipated receipts which come to Rs. 68,66,373 (schemes 3, 9, 24, 37, 39 and 42).

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SCHEME No. 3 (1)

1. *Department.*—Agricultural.

2. *Scheme.*—Expansion of agricultural education, particularly at the Agricultural College, Poona.

3. *Brief description of the scheme.*—The scheme provides for increased facilities, i.e., buildings, staff, equipment, etc., to enable 150 students to be admitted to the Agricultural College, Poona, annually as was done from 15th May 1944 (instead of 250 students admitted in 1946–47, owing to the proposed establishment of two Agricultural colleges at Dharwar and Anand, respectively). After a period of three years, this increase will provide from 70 to 80 agricultural graduates (B.Sc. Agri.) annually.

4. *Areas selected for application.*—The work will be carried out at the Agricultural College, Poona, but the increased staff made available as the result of the training will be utilised over the whole Province.

5. *Other departments concerned.*—Public Works Department.

6. *Upper staff for planning and/or execution of the scheme.*—
(*a*) 10 Graduates (Senior).
(*b*) 16 Graduates (Junior).

7. *Lower staff for planning and/or execution of the scheme.*—
19 Laboratory Assistants and Agricultural Assistants.

Clerical and Office staff.

1 Superintendent,
2 Senior clerks,
2 Junior clerks,
2 Smiths,
2 Carpenters,
6 Peons,
7 Laboratory servants and field servants,
2 Monitors.

8. *How staff to be obtained.*—The staff will have to be found from the existing cadres of the Agricultural Department as experienced men will be required for training purposes. Direct recruitment will be possible only in regard to the lower staff and clerical and office staff.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st Year.	2nd Year.	3rd Year.	4th Year.	5th Year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ...	50,000	40,000	36,000	32,000	30,000	1,88,000
(*b*) *Recurring* ...	1,34,000	1,38,000	1,41,000	1,45,000	1,48,000	7,06,000
Total ...	1,84,000	1,78,000	1,77,000	1,77,000	1,78,000	8,94,000

Note.—This does not include the cost of buildings yet to be constructed. The approximate cost of buildings is Rs. 14,25,000.

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10. *To what extent is the scheme productive and/or cost recoverable.*—The expansion of the Agricultural College is estimated to increase the income of the College by about Rs. 90,000 over a 5-year period.

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.*—Special apparatus needed for instructional purposes at the Agricultural college, e.g., miscroscopes, incubators, frigidaires, books, etc.

(*b*) *locally.*—Other material.

12. *Any other remarks or information.*—Construction of additional buildings is being considered by the Public Works Department in consultation with the Director of Agriculture.

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SCHEME No. 4 (2).

1. *Department.*—Agricultural.

2. *Scheme.*—Establishment of suitably equipped and staffed centres for instruction and training of staff required for post-war agricultural development, including the establishment or expansion of centres for training the staff for the bunding and dry farming programme.

3. *Brief description of the scheme.*—A training centre at Manjri has already been started to train annually 150 agricultural assistants in the technique of rural development and the trainees will, on completion of their training, be absorbed in the Agricultural Department as agricultural assistants and kamgars.

Three other Agricultural Training Centres at Dhulia, Bhuwa and Devihosur for training 50, 60 and 60 agricultural assistants respectively have also been started and the trainees will be absorbed in the Agricultural Department. The Bunding Sub-Overseers' Training Centre at Bijapur and the Dry Farming Training Centre at Sholapur have been converted into Agricultural Training Centres with special bias in bunding and dry farming, respectively. 100 agricultural assistants are trained at each centre. In all these centres the civilian trainees get stipends of Rs. 35 p. m. without dearness allowance. Ex-servicemen are also admitted and the stipend given to them is Rs. 45 p. m. without dearness allowance. The qualifications required in the case of ex-servicemen are a knowledge of one's own regional language. On completion of their training, if they prove their fitness for employment under Government, they will be absorbed in permanent posts as agricultural assistants in the scale of Rs. 35–5/2–60—E.B.—4—100 *plus* dearness allowance and interim relief.

4. *Areas selected for application.*—Suitable areas in the Province.

5. *Other departments concerned.*—Public Works Department.

6. *Upper staff for planning and/or execution of the scheme.*—Assistant Professor and Officer-in-Charge or Superintendent.

3 Class II and

3 Agricultural Officers, Grade I.

19 Agricultural Officers.

7. *Lower staff for planning and/or execution of the scheme.*—

16 Agricultural Assistants,

5 Kamgars,

2 Poultry Assistants,

2 Spinning and Weaving Assistants,

2 Tracers,

3 Senior Clerks,

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6 Junior Clerks,

3 Store-keepers,

3 Carpenters,

3 Herdsmen,

6 Smiths,

2 Malis,

12 Servants,

14 Peons,

8 Khalasis,

3 Watchmen.

8. *How staff to be obtained.*—Almost all the staff is already appointed.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st Year.	2nd Year.	3rd Year.	4th Year.	5th Year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ...	41,000	6,000	6,000	6,000	6,000	65,000
(*b*) *Recurring* ...	5,59,000	5,69,000	5,77,000	5,68,000	5,83,000	28,56,000
Total ...	6,00,000	5,75,000	5,83,000	5,74,000	5,89,000	29,21,000

10. *To what extent is the scheme productive and/or cost recoverable.*—Not productive.

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.*—Surveying instruments, etc.

(*b*) *locally.*—Tools for digging and dry farming implements.

12. *Any other remarks or information.*—Nil.

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SCHEME No. 5.

1. *Department.*—Agricultural.

2. *Scheme.*—Training of Village Guides.

3. *Brief description of the scheme.*—It is proposed to train about 1,200 village guides per year at 12 centres (viz. Manjri, Borgaon, Sholapur, Puntamba, Rajapur, Bordi, Bijapur, Arbhavi, Kumta, Bhuwa, Dohad and Anand) in Agriculture, Animal Husbandry, Village Crafts, Sanitation and Hygiene, Co-operation, Elementary Law, etc., for a period of 12 months, for appointment as village guides for advising and assisting villagers in all matters pertaining to their work-a-day lives. Ultimately it is proposed to appoint at least one village guide for each village. The trainees will be paid Rs. 35 p. m. each and will be appointed on Rs. 35 p. m. in the scale of 35—5/2—60 after their training.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Public Works Department.

6. *Upper staff for planning and/or execution of the scheme.*—

6 Superintendents.

6 Agricultural Officers including Demonstrators.

4 Lecturers in Co-operation.

7. *Lower staff for planning and/or execution of the scheme.*—

28 Agricultural Assistants.

9 Spinning and Weaving Assistants.

11 Dyeing and Painting Assistants.

11 Bamboo and Cane Work Assistants.

12 Coir and Fibre Work Assistants.

8 Smithy and Carpentry Assistants.

12 Clerks and Store-keepers.

4 Compounders.

7 Herdsmen.

2 Engine drivers.

1 Mukadam.

9 Peons.

8. *How staff to be obtained.*—From the existing departmental cadres; lower staff by direct recruitment.

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9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st Year.	2nd Year.	3rd Year.	4th Year.	5th Year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ...	5,42,022	.....	.....	.....	.....	5,42,022
(*b*) *Recurring* ...	8,40,297	8,41,989	8,50,749	8,52,753	8,59,761	42,45,549
Total ...	13,82,319	8,41,989	8,50,749	8,52,753	8,59,761	47,87,571

10. *To what extent is the scheme productive and/or cost recoverable.*—The scheme is not directly productive.

11. *Nature of material, machinery, etc., needed from.*—

(*a*) *abroad.*—Nil.

(*b*) *locally.*—Implements, ploughs, crowbars, cooking and dining utensils, tools, knives, etc.

12. *Any other remarks or information.*—Nil.

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SCHEME No. 6.

1. *Department.*—Agricultural.

2. *Scheme.*—Vocational Training of ex-servicemen.

3. *Brief description of the scheme.*—Under the scheme it is proposed (1) to facilitate the resettlement in civil life of demobilised services personnel by training them in agriculture and allied occupations and thereby increasing their productive and earning capacity and (2) to provide the requisite skilled man-power for the economic development of the country with special reference to agriculture and allied industries.

It is proposed to train about 50 demobilised services personnel each year at the various existing Agricultural and Horticultural Training Centres in the Province for a period of one year. The trainees will be provided with free board and lodging and free tuition.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Nil.

6. *Upper staff for planning and/or execution of the scheme.*—No additional staff necessary.

7. *Lower staff for planning and/or execution of the scheme.*—No additional staff necessary.

8. *How staff to be obtained.*—Does not arise.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st Year.	2nd Year.	3rd Year.	4th Year.	5th Year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ...	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*
...	30,000	30,000	30,000	30,000	30,000	1,50,000

(*b*) *Recurring* at Rs. 50 per student per month including board, stipend., etc.

10. *To what extent is scheme productive and/or cost recoverable.*—The scheme is unproductive. The whole cost of the scheme is recoverable from the Government of India.

11. *Nature of material, machinery, etc., needed from*—(*a*) abroad and (*b*) locally—*Nil.*

12. *Any other remarks or information.*—The scheme is based on the minimum requirement of the Government of India. The number of trainees, viz., 50 will probably have to be increased when the cost will be increased propotionately

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SCHEME No. 7 (6-A).

1. *Department.*—Agricultural.

2. *Scheme.*—Deputation of students for training abroad in Agriculture and allied subjects.

3. *Brief description of the scheme.*—Under the Government of India's scheme for advanced foreign training in various subjects, it is proposed to send abroad 75 Government servants from the Agricultural Department—25 in 1947–48, 20 in 1948–49, 15 in 1949–50, 10 in 1950–51 and 5 in 1951–52.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Nil.

6. *Upper staff for planning and/or execution of the scheme.*—
7. *Lower staff for planning and/or execution of the scheme.*— } Nil.
8. *How staff to be obtained.*—

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st Year	2nd Year.	3rd Year.	4th Year.	5th Year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ...	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*
(*b*) *Recurring* ...	3,71,000	2,97,000	2,21,000	1,50,000	1,51,000	11,90,000

10. *To what extent is the scheme productive and/or cost recoverable.*—The scheme is not directly productive and the cost is not recoverable.

11. *Nature of material, machinery, etc., needed from*—

(*a*) *abroad.*—Nil.

(*b*) *locally.*—Nil.

12. *Any other remarks or information.*—Nil.

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SCHEMES Nos. 8 AND 9.

1. *Department.*—Agricultural.

2. *Scheme.*—Establishment of Agricultural Colleges at (1) Anand, and (2) Dharwar.

3. *Brief description of the scheme.*—In order to extend the existing facilities for agricultural education in the Province, it is proposed to establish two Agricultural Colleges—one at Anand in Kaira district, and the other at Dharwar and to admit 75 students per year at each of these from the year 1947–48.

The College at Anand is to be established as a part of the Institute of Agriculture, Anand, with the donation of Rs. 5 lakhs offered by Sheth Amritlal Hargovandas of Ahmedabad towards the building and equipment of the College. An annual grant-in-aid of Rs. 2,40,000 will be paid to the Institute for running the College, where instruction is to be imparted upto the standard of the B.Sc. (Agri.), degree of the Bombay University. The college is later to be affiliated to a Gujerat University if and when such University is established and its affiliation extends to Kaira district.

The construction of buildings for the College at Dharwar, a site for which has been selected at Narendra on the Poona-Bangalore Road, is expected to take at least two years. It is proposed to accommodate the F. Y. Science (Agri.) class, which is to be started from 15th May 1947, at the Karnatak College, Dharwar.

4. *Areas selected for application.*—Kaira and Dharwar districts.

5. *Other departments concerned.*—Public Works Department.

6. *Upper staff for planning and/or execution of the scheme.*—(*a*) Agricultural College, Anand; (*b*) Agricultural College, Dharwar.

	(*a*) Agricultural College, Anand.	(*b*) Agricultural College, Dharwar.
(1) Principal	1	1
(2) Professors in the B. A. S. Class II	12	12
(3) Lecturers (Rs. 180—10—270)	13	13
(4) Demonstrators (Rs. 95 to 170)	11	11

(*Note.*—The staff of the Anand College will include the existing staff of the Anand Institute).

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7. *Lower staff for planning and/or execution of the scheme.*—

	(a) Agricultural College, Anand.	(b) Agricultural College, Dharwar.
(1) Agricultural Assistants, (Rs. 35 to 100)... ...	29	29
(2) Laboratory Assistants, (Rs. 35 to 100).	7	7
(3) Dairy Mechanics, (Rs. 30—2—60 and 60—3—90).	2	2
(4) Carpenter, (Rs. 60—3—90).	1	1
(5) Smith (Rs. 60—3—90)	1	1
(6) Fitter, (Rs. 90—4—130)	1	1
(7) Hamals on Rs. 20 p.m.	13	13
(8) Malis on Rs. 20 p.m.	2	2
Office Establishment.		
(9) Superintendent, (Rs. 200—10—260)	1	1
(10) Head Clerk, (Rs. 120—5—175)	1	1
(11) Accountant, (Rs. 120—5—175)	1	1
(12) Steno-typist (Rs. 80—5/2—95 *plus* Rs. 30 p.m. short-hand allowance)	1	1
(13) Typists, (Rs. 80—5/2—95).	2	2
(14) Senior Clerks, (Rs... 80—5/2—95)	2	2
(15) Junior Clerks, (Rs. 25—5/2—55)	2	2
(16) Store Keeper, (Rs. 25—5/2—55)	1	1
(17) Librarian A. O. (Rs. 95 to 170)	1	1
(18) Assistant Librarian (Rs. 80—5/2—95)	1	1
(19) Gasmen, (Rs. 40—2—60)	2	2
(20) Naik for the Principal	1	1
(21) Peons (1 for each Professor and 4 for Principal's office) ...	16	16
(22) Medical Officer, (Rs. 60—5—170)		1
(23) Compounder, (Rs. 25—5/2—75)		1
(24) Dresser		1
(25) Peon		1

(*Note.*—The staff of the Anand College will include the existing staff of the Anand Institute.)

8. *How staff to be obtained.*—The staff will have to be found from the existing cadres of the Agricultural Department, as experienced men will be required for training purposes. Direct recruitment will be possible only in regard to lower staff and clerical and office staff.

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9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.—*

——	1st Year.	2nd Year.	3rd Year.	4th Year.	5th Year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(a) *Agricultural College, Anand.*						
(1) *Capital* ...	15,00,000	.....	.....	.....	.....	15,00,000
(2) *Recurring* Grant-in-aid.)	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	12,00,000
Total ...	17,40,000	2,40,000	2,40,000	2,40,000	2,40,000	27,00,000
(b) *Agricultural. College, Dharwar.*						
(1) *Capital* ...	13,33,900	.....	.....	.....	.....	13,33,900
(2) *Recurring* ...	1,28,900	3,51,900	3,51,900	3,51,900	3,51,900	15,36,500
Total ...	14,62,800	3,51,900	3,51,900	3,51,900	3,51,900	28,70,400
					Grand Total	55,70,400

10. *To what extent is the scheme productive and/or cost recoverable.*—(a) In the case of the Agricultural College, Anand, the scheme is not directly productive and the cost is not recoverable.

(b) In the case of the Agricultural College, Dharwar, an approximate amount of Rs. 69,650 will be recovered annually as receipts on account of Agricultural College fees, hostel rent, rent of residential quarters, Agricultural College Farm produce and sale of milk and fruits.

11. *Nature of material, machinery, etc., needed from—(a) abroad.*—Special apparatus needed for instructional purposes at the Agricultural College, e.g., microscopes, incubators, frigidaires, books, etc.

(b) *locally.*—Other material.

12. *Any other remarks or information.—Nil.*

NATIONAL ARCHIVES OF INDIA

SCHEME No. 10 (18)

1. *Department.*—Agricultural.

2. *Scheme.*—Multiplication and distribution of improved strains of different varieties of paddy in the drilled paddy tract (Dharwar and Belgaum districts) of the Province.

3. *Brief description of the scheme.* Wild rice (locally called "Gonag") in the drilled paddy tract acts as a pernicious weed and is required to be eliminated from pure paddy seed. Its grain matures very unevenly and drips as it matures, being thus entirely lost to the cultivators. It multiplies very rapidly through land contamination and the fields affected by "Gonag" go wild very soon causing great loss to the cultivators. Pure paddy seed multiplication in the drilled paddy tract of the Province is very important and necessary and will be undertaken under this scheme. There are improved strains of three varieties of paddy, viz. Mugad, Antarsal and Dodgya and there is scope for extension of these over an area of 150,000 acres. The yield of paddy is commonly 20 times the seed but for the purpose of the scheme it is taken as 10 times, with due allowance for consumption etc. There will be four stages of seed multiplication and in each of these provision is made for rigorous roguing for purity of seed from "Gonag" and other varieties of paddy. The following statement gives an idea of the areas under different stages in different years :—

	Acres in different stages.				
	1st Year.	2nd Year.	3rd Year.	4th Year.	5th Year.
Year.	Acres.	Acres.	Acres.	Acres.	Acres.
1947–48	10	150	1,500	15,000	60,000*
1948–49	10	150	1,500	15,000	1,50,000
1949–50	10	150	1,500	15,000	1,50,000
1950–51	10	150	1,500	15,000	1,50,000
1951–52	10	150	1,500	15,000	1,50,000

*During 1947–48 fairly pure seed already available in the districts will be distributed over an area of 60,000 acres.

4. *Areas selected for application.*—Dharwar and Belgaum districts of the Karnatak.

5. *Other departments concerned.*—Nil.

6. *Upper staff for planning and/or execution of the scheme.*—One gazetted officer in Class II of B. A. S. and 3 Agricultural Officers for five years.

7. *Lower Staff for planning and/or execution of the scheme.*—

Year.	Clerks.	Kamgars.	Depot Kamgars.	Peons.
1947–48	2	12	12	5
1948–49	2	12	12	5
1949–50	2	12	12	5
1950–51	2	12	12	5
1951–52	2	12	12	5

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8. *How staff to be obtained.*—

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st Year.	2nd Year.	3rd Year.	4th Year.	5th Year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital.*—						
Office furniture.	1,000	500	.....	.....	.....	1,500
Total ...	1,000	500	.....	.....	.....	1,500
(*b*) *Recurring.*—						
1. Subsidy for roguing ...	33,300	33,300	33,300	33,300	33,300	1,66,500
2. Premium ...	64,673	1,40,611	1,40,611	1,40,611	1,40,611	6,27,117
3. Transport ...	43,115	93,740	93,740	93,740	93,740	4,18,075
4. Cost of staff and contingencies.	40,895	45,544	47,713	47,713	47,713	2,29,578
Total ...	1,81,983	3,13,195	3,15,364	3,15,364	3,15,364	14,41,270
Grand Total ...	1,82,983	3,13,695	3,15,364	3,15,364	3,15,364	14,42,770

10. *To what extent is the scheme productive and/or cost recoverable.*—The resulting additional income to cultivators by working the scheme would be as under :—

Year.	Area under improved seed (acres.)	Total additional yield (at 2 mds. per ton).	Value of the additional yield.
		Mds.	Rs.
1947–48	76,650	1,53,300	11,49,750
1948–49	1,66,650	3,33,300	24,99,750
1949–50	1,66,650	3,33,300	24,99,750
1950–51	1,66,650	3,33,300	24,99,750
1951–52	1,66,650	3,33,300	24,99,750
Total ...	7,43,250	14,86,500	1,11,48,750

11. *Nature of material, machinery, etc., needed from*—(*a*) *abroad*—Nil, (*b*) *locally*—Nil.

12. *Any other remarks of information.*—Provision for purchase of seeds at control rates has not been shown under item 9 above, as the cost is recoverable on account of sale of seed at control rates.

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NATIONAL ARCHIVES OF INDIA

SCHEME No. 11 (19).

1. *Department.*—Agricultural.

2. *Scheme.*—Multiplication and distribution of improved varieties of paddy seeds in the North Konkan tract of the Province.

3. *Brief description of the scheme.*—It is proposed to cover an area of 3 lakhs of acres in five years. Unlike the drilled tract of Dharwar and Belgaum districts mentioned in scheme No. 10, there is no trouble of "Gonag" weed in the transplanted area of North Konkan. The improved variety is kept pure only from the mixture of the other varieties. If the seed is perfectly pure no roguing would be necessary. There are improved strains of three varieties of paddy, viz. Kolamba, Zinia and Bhadas which will be introduced in an area of 3 lakh acres during the period of five years. The following statement gives an idea of the areas under different stages in different years :—

Year.	Acreage in different stages.				
	1st	2nd	3rd	4th	5th
1947-48 ..	15	300	3,000	30,000	100,000*
1948-49 ..	15	300	3,000	30,000	300,000
1949-50 ..	15	300	3,000	30,000	300,000
1950-51 ..	15	300	3,000	30,000	300,000
1951-52 ..	15	300	3,000	30,000	300,000

*During 1947-48 fairly pure seed already available in the districts will be distributed over an area of 100,000 acres.

4. *Areas selected for application.*—North Konkan (Thana, Kolaba and Bombay Suburban districts).

5. *Other departments concerned.*—Nil.

6. *Upper staff for planning and/or execution of the scheme.*—One gazetted officer in Class II of B. A. S. for 5 years.

7. *Lower staff for planning and/or execution of the scheme.*—

Year.	Clerks.	Kamgars.	Depot Kamgars.	Peons.
1947-48	2	16	16	6
1948-49	2	20	20	6
1949-50	2	20	20	6
1950-51	2	20	20	6
1951-52	2	20	20	6

8. *How staff to be obtained.*—

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9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(a) *Capital*—						
(Furniture)	1,600	1,600	....	....	....	3,200
Total ..	1,600	1,600	....	....	....	3,200
(b) *Recurring*—						
1. Premium	79,980	1,99,980	1,99,980	1,99,980	1,99,980	8,79,900
2. Transport, storage and overhead charges	53,320	1,33,320	1,33,320	1,33,320	1,33,320	5,86,600
3. Staff and contingencies ..	55,723	57,568	60,740	60,740	60,740	2,95,511
Total ..	1,89,023	3,90,868	3,94,040	3,94,040	3,94,040	17,62,011
Grand Total ..	1,90,623	3,92,468	3,94,040	3,94,040	3,94,040	17,65,211

10. *To what extent is the scheme productive and/or cost recoverable.*—The resulting additional income to cultivators by working the scheme would be as under :—

Year.	Area under improved seed (acres).	Total additional yield maunds. ($\frac{1}{2}$ maund per acre)..	Value of the additional yield.
			Rs.
1947–48	1,33,300	1,99,950	15,99,600
1948–49	3,33,300	4,99,950	39,99,600
1949–50	3,33,300	4,99,950	39,99,600
1950–51	3,33,300	4,99,950	39,99,600
1951–52	3,33,300	4,99,950	39,99,600
Total ..	14,66,500	21,99,750	1,75,98,000

11. *Nature of material, machinery, etc., needed from*—
(a) *abroad*
(b) *locally* } Nil.

12. *Any other remarks or information* .—Provision for purchase of seeds at control rates has not been shown under item 9 above as the same is recoverable on account of sale of seeds at control rates.

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SCHEME No. 12 (20).

1. *Department.*—Agricultural.

2. *Scheme.*—Multiplication and distribution of Nadiad Bajri No. 207 (Ahmedabad and Kaira districts).

3. *Brief description of the scheme.*—It is proposed to cover an area of 3 lakh acres in 5 years. Bajri is a highly cross pollinated plant and the selected strain is required to be protected from outside contamination in all stages of multiplication. For this purpose the improved seed will be grown in compact blocks, and seed from 50 per cent. inner areas will only be multiplied, leaving the remaining 50 per cent. as an outside ring. Bajri multiplies 100 times in North Gujarat. For the purpose of the scheme only 50 times is adopted for multiplication, allowance being made for consumption etc. The following statement gives an idea of the areas under different stages in different years over which pure seed is to be distributed :—

	Area in different stages.			
Year.	1st	2nd	3rd	4th
1947–48 ..	6	600	(300) 15,000	(7,500) 3,00,000
1948–49 ..	6	600	(300) 15,000	(7,500) 3,00,000
1949–50 ..	6	600	(300) 15,000	(7,500) 3,00,000
1950–51 ..	6	600	(300) 15,000	(7,500) 3,00,000
1951–52 ..	6	600	(300) 15,000	(7,500) 3,00,000

Note—Bajri is a highly cross pollinated plant and provision has been made for raising the seed in protected inner areas shown in brackets.

4. *Areas selected for application.*—Ahmedabad and Kaira districts.

5. *Other departments concerned.*—Nil.

6. *Upper staff for planning and/or execution of the scheme.*—One Senior Agricultural officer. Three Agricultural officers.

7. *Lower staff for planning and/or execution of the scheme.*—

2 Clerks.

15 Kamgars.

15 Depot Kamgars.

4 Peons.

8. *How staff to be obtained.*—Already appointed.

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9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(a) *Capital*—Furniture ..	3,500	..	..	..	..	3,500
Total ..	3,500	..	..	..	..	3,500

						Total.
Recurring.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1. Premium	35,505	35,505	35,505	35,505	35,505	1,77,525
2. Transport, storage and overhead charges	23,670	23,670	23,670	23,670	23,670	1,18,350
3. Cost of staff and Contingencies ..	51,879	51,776	51,776	51,776	51,776	2,58,983
Total ..	1,11,054	1,10,951	1,10,951	1,10,951	1,10,951	5,54,858
Grand Total ..	1,14,554	1,10,951	1,10,951	1,10,951	1,10,951	5,58,358

10. *To what extent is the scheme productive and/or cost recoverable.*—The resulting additional income to cultivators by working the scheme would be as under :—

	Area under improved seed (acres.)	Total additional yield Maunds.	Value of additio nal yield.
Year.			Rs.
1947–48	3,15,600	3,15,600	28,40,400
1948–49	3,15,600	3,15,600	28,40,400
1949–50	3,15,600	3,15,600	28,40,400
1950–51	3,15,600	3,15,600	28,40,400
1951–52	3,15,600	3,15,600	28,40,400
Total ..	1,578,000	1,578,000	1,42,02,000

11. *Nature of material, machinery, etc., needed from—*

(a) *abroad*
(b) *locally* } Nil.

12. *Any other remarks or information.*—Provision for purchase of seeds at control rates has not been shown under item 9 above, as the cost is recoverable on account of sale of seed at control rates.

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SCHEME No. 13 (21).

1. *Department.*—Agricultural.

2. *Scheme.*—Multiplication and distribution of seeds of improved varieties of Bajri, Rabi Jowar, Wheat and Gram in the extensive dry tract of the Bombay Deccan and Karnatak.

3. *Brief description of the scheme.*—In this extensive tract, Bajri (Kharif) and Jowar, Wheat and Gram (Rabi) are the principal food crops. Bajri occupies an area of about 34 lakhs, Rabi Jowar 56 lakhs, Wheat 12 lakhs and Gram 4½ lakh acres. Improved strains giving higher yield are available for multiplication and distribution in all these crops. Akola Bajri is suited for an area of about 30 lakh acres; M-35-1 rabi jowar for about 30 lakh acres, improved strains of different varieties of wheat, viz., Jay, Vijay, Motia, Gulab and Niphad-4 for 5 lakh acres and the improved Chaffa variety of gram for 3 lakhs of acres. The combined scheme aims at covering 30 lakh acres bajri, 30 lakh acres rabi jowar, 5 lakh acres wheat and 3 lakh acres gram, with a common staff to work it.

The following statement gives an idea of the areas under different stages in different years of different crops :—

Bajri.

	Acres in different stages.		
	1st	2nd	3rd
Year.			
1947–48	30,000 (15,000)	3,00,000 (1,50,000)	30,00,000
1948–49	30,000 (15,000)	3,00,000 (1,50,000)	30,00,000
1949–50	30,000 (15,000)	3,00,000 (1,50,000)	30,00,000
1950–51	30,000 (15,000)	3,00,000 (1,50,000)	30,00,000
1951–52	30,000 (15,000)	3,00,000 (1,50,000)	30,00,000

Note.—1. Bajri is a highly cross pollinated plant and provision has been made for raising the seed in protected inner areas shown in the brackets.

2. The seed required for 1st stage on 30,000 acres every year will be procured from Akola Taluka of Ahmednagar District.

Robi Jowar

	Acres in different stages.			
	1st	2nd	3rd	4th
Year.				
1947–48	80	2,500	50,000	10,00,000
1948–49	80	2,500	50,000	20,00,000
1949–50	80	2,500	50,000	30,00,000*
1950–51	80	2,500	50,000	30,00,000
1951–52	80	2,500	50,000	30,00,000

*Progressive Total.

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Wheat.

Year.	1st	2nd	3rd	4th	5th	6th
1947–48	160	800	4,000	20,000	*Nil.*	60,000*
1948–49	160	800	4,000	20,000	1,00,000	*Nil.*
1949–50	160	800	4,000	20,000	1,00,000	5,00,000
1950–51	160	800	4,000	20,000	1,00,000	5,00,000
1951–52	160	800	4,000	20,000	1,00,000	5,00,000

*During 1947–48 fairly pure seed already available in the districts will be disributed over an area of 60,000 acres.

Gram.

Year.	1st	2nd.	3rd	4th	5th	6th
1947–48	100	500	2,500	12,500	....	....
1948–49	100	500	2,500	12,500	60,000	....
1949–51	100	500	2,500	12,500	60,000	3,00,000
1950–51	100	500	2500	12,500	60,000	3,00,000
1951–52	100	500	2,500	12,500	60,000	3,00,000

4. *Areas selected for application.*—Extensive dry tract of the Deccan and Karnatak.

5. *Other departments concerned.*—Nil.

6. *Upper staff for planning and/or execution of the scheme.*—
2 Gazetted officers in Class II of B. A. S. for five years.
10 Agricultural Officers for 1947-48.
12 Agricultural Officers for the remaining years.

7. *Lower staff for planning and/or execution of the scheme.*—

Year.	Clerks.	Kamgars.	Depot Kamgars.	Peons.
1947–48	6	40	40	14
1948–49	6	60	60	16
1949–50	6	60	60	16
1950–51	6	60	60	16
1951–52	6	60	60	16

8. *How staff to be obtained.*—

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9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.—*

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital—*						
Furniture	2,100	4,000	....	....	....	6,100
Total ..	2,100	4,000	....	....	....	6,100
(*b*) *Recurring—*						
(*i*) Premium	5,48,992	6,48,993	15,47,993	15,47,993	15,47,993	58,41,964
(*ii*) Transport, storage and overhead charges	3,65,995	4,31,995	10,31,995	10,31,995	10,31,995	38,93,975
(*iii*) Staff and contingencies ..	1,49,300	1,95,112	2,05,992	2,05,992	2,05,992	9,62,388
Total ..	10,64,287	12,76,100	27,85,980	27,85,980	27,85,980	1,06,98,327
Grand Total ..	10,66,387	12,80,100	27,85,980	27,85,980	27,85,980	1,07,04,427

10. *To what extent is the scheme productive and/or cost recoverable.*—The resulting additional income to cultivators by working the scheme would be as under :—

I. Bajri.

Year.	Area under improved seed.	Total additional yield. (½md per acre).	Value of additional yield.
	Acres.	Mds.	Rs.
1947–48	33,30,000	16,65,000	1,24,87,500
1948–49	33,30,000	16,65,000	1,24,87,500
1949–50	33,30,000	16,65,000	1,24,87,500
1950–51	33,30,000	16,65,000	1,24,87,500
1951–52	33,30,000	16,65,000	1,24,87,500
Total Bajri	1,66,50,000	83,25,000	6,24,37,500

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II. Rabi Jowar.

Year.	Area under improved seed.	Total additional yield. (½ maund per acre).	Value of additional yield.
	Acres.	Mds.	Rs.
1947–48	10,52,500	5,26,250	36,83,750
1948–49	10,52,500	5,26,250	36,83,750
1949–50	10,52,500	5,26,250	36,83,750
1950–51	10,52,500	5,26,250	36,83,750
1951–52	10,52,500	5,26,250	36,83,750
Total, Jowar ..	52,62,500	26,31,250	1,84,18,750

III. Wheat.

Year.	Area under improved seed.	Total additional yield (¾ maund per acre).	Value of additional yield.
	Acres.	Mds	Rs.
1947–48	84,800	63,600	5,72,400
1948–49	1,24,800	93,600	8,42,400
1949–50	6,24,800	4,68,600	42,17,400
1950–51	6,24,800	4,68,600	42,17,400
1951–52	6,24,800	4,68,600	42,17,400
Total, Wheat ..	20,84,000	15,63,000	1,40,67,000

IV. Gram.

Year.	Area under improved seed.	Total additional yield. (¾ maund per acre.)	Value of additional yield.
	Acres.	Mds.	Rs.
1947–48	15,500	11,625	1,16,250
1948–49	75,500	56,625	5,66,250
1949–50	3,75,500	2,81,625	28,16,250
1950–51	3,75,500	2,81,625	28,16,250
1951–52	3,75,500	2,81,625	28,16,250
Total, Gram ..	12,17,500	9,13,125	91,31,250

Item.	Area under improved seed.	Total additional yield.	Value of addtional yield.
	Acres.	Mds.	Rs.
Grand Total of I, II, III and IV i.e., Bajri, Rabi Jowar, Wheat and Gram	2,52,14,000	1,34,32,375	10,40,54,500

11. *Nature of material, machinery, etc., needed.*—Nil.

12. *Any other remarks of information.*—Provision for purchase of seeds at control rates has not been shown under item 9 above as the cost is recoverable on account of sale of seeds at control rates.

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SCHEME No. 14 (22).

1. *Department.*—Agricultural.

2. *Scheme.*—Production of Nucleus Seed of the improved strains of important food grain crops in the Province.

3. *Brief description of the scheme.*—Seeds of improved varieties of crops of paddy, Bajri, Wheat, Rabi Jowar and Gram intended to be multiplied for Post-War Reconstruction Schemes Nos. 10 to 13 are to be produced at Government farms under the expert supervision of the Deputy Director of Agriculture (Crop Research), Bombay Province, Poona.

Advantage of the existing Government farms is being taken fully and the services of the existing farm staff utilised. To meet the requirements of this scheme, additional lands have been taken on lease and cultivation, storage, fumigation chambers, etc. provided for.

There is sufficient area for raising the required quantities of paddy, and partly rabi jowar, seeds on farms; but for the purpose of raising adequate quantities of wheat and gram and also for bajri and rabi jowar, additional areas of 324 acres and 24 gunthas have been taken on lease near the Government Farms at Nadiad, Niphad, Kopargaon, Chas, Mohol, Bijapur and Dharwar.

4. *Areas selected for application.*—Existing Government Farms at Mugad, Karjat, Nadiad, Niphad, Kopargaon, Bijapur, Chas, Dharwar and Mohol, with an addition of 324 acres and 24 gunthas.

5. *Other departments concerned.*—Nil.

6. *Upper staff for planning and/or execution of the scheme.*—One gazetted Officer in Class II of B. A. S. at the Headquarters and four Agricultural Officers in the II grade one each at Mohol, Kopargaon, Dharwar and Bijapur.

7. *Lower staff for planning and/or execution of the scheme.*—Two Agricultural Assistants—one at Niphad and one at Chas. Seven Mukadams. Seven Bullockmen. Seven Watchmen. Two Peons.

Clerical and Office Staff.

Two clerks—One senior, One junior.
Two peons.

8. *How staff to be obtained.*—All the staff has been appointed by promotion and fresh recruitment.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st Year	2nd Year	3rd Year	4th Year	5th Year	Total
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(a) *Capital.*						
(a) Buildings and sheds	1,12,000	....	....	....	....	1,12,000
(b) Land and Land development (fencing).	....	....	....	....	....	....
(c) Live-stock	....	....	....	....	....	....
Total—Capital ..	1,12,000	....	....	....	....	1,12,000

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	1st Year	2nd Year	3rd Year	4th Year	5th Year	Total
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(b) *Recurring.*						
(a) Pay of Officers	3,290	3,470	3,650	3,830	4,010	18,250
(b) Pay of Establishment.. ..	9,712	8,866	9,124	9,342	9,655	46,699
(c) Allowances and Honoraria ..	6,690	6,694	6,749	6,789	6,819	33,741
(d) Contingencies	55,989	58,300	58,300	58,300	58,300	2,89,189
Total–Recurring ..	75,681	77,330	77,823	78,261	78,784	3,87,879
Grand Total ..	1,87,681	77,330	77,823	78,261	78,784	4,99,879
Receipts ..	15,000	15,000	15,000	15,000	15,000	75,000
Net cost ..	1,72,681	62,330	62,823	63,261	63,784	4,24,879

10. *To what extent is the scheme productive and /or cost recoverable.*—About Rs. 88,336 will be recovered as the value of seed produced on 324 acres and 24 gunthas during six years.

11. *Nature of material. machinery, etc., needed from—*

(*a*) *abroad*
(*b*) *locally* } Materials have already been purchased.

12. *Any other remarks or information.*—The scheme has already been started from 1st April 1945.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 15 (50).

1. *Department.*—Agricultural.

2. *Scheme.*—Extension and organisation of vegetable and fruit cultivation in suitable areas and of the supply of such produce to consumers.

3. *Brief description of the scheme.*—The scheme provides for the development of fruit and vegetable production in the Province by (*a*) the provision of the necessary specialized district staff, (*b*) the establishment of district fruit and vegetable nuseries, (*c*) scientific research work in horticulture etc. at two district sub-stations, (*d*) experimentation and training in fruit preservation and fruit product manufacture, etc.

4. *Areas selected for application.*—Whole Province, particularly areas suitable for expansion of vegetable and fruit production.

5. *Other departments concerned.*—Revenue Department—in regard to sites for research stations, nurseries, etc.

Co-operative Department.—in regard to co-operative organisation of fruit and vegetable producers and for the marketing of fruits and vegetables and their products.

Industries Department—for organising the canning and preservation of fruits on cottage industry basis.

6. *Upper staff for planning and/or execution of the scheme—*

	1st Year	2nd Year	3rd Year	4th Year	5th Year	Total
B. A. S. Class II ..	1	1	1	1	..	4
Agricultural Officers—						
Grade I	..	..	2	...	...	2
Grade II	5	5	6	2	..	18

7. *Lower staff for planning and/or execution of the scheme.—*

Agricultural Assistants, Grade II	5	4	5	1	..	15
Malis	4	9	8	..	..	21
Laboratory Assistants ..	2	..	..	2	..	4
Engine Drivers		1	1	..	..	2
Clerical and office Staff—						
Senior clerks	2	..	..	..	..	2
Junior clerks	5	2	6	3	..	16
Peons	7	2	6	3	..	18

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8. *How staff to be obtained.*—The posts in Class II of the Bombay Agricultural Service will be filled in by promotion from existing staff in the Agricultural Department and similarly the Grade I Agricultural Officers will be provided from existing cadres. The Agricultural Assistants and other lower staff will be recruited from personnel trained at the horticultural training centres run by the Department. Malis will be obtained from similar training centres.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st Year	2nd Year	3rd Year	4th Year	5th Year	Total
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(a) *Capital* ..	1,00,000	1,24,209	1,12,479	..	....	3,36,688
(b) *Recurring* ..	42,040	86,360	1,44,112	1,65,608	1,69,192	6,07,312
Total ..	1,42,040	2,10,569	2,56,591	1,65,608	1,69,192	9,44,000

10. *To what extent is the scheme productive and/or cost recoverable.*—The scheme will be indirectly productive by the extension of better fruit and vegetable cultivation, expansion of fruit and vegetable preservation as a cottage industry, etc.

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad*—Machinery, equipment etc. for preservation and canning laboratories, vegetables seeds, etc.

(*b*) *locally*—All other equipment, e.g., horticultural tools and implements, furniture, etc.

12. *Any other remarks or information.*—The scheme will considerably increase the acreages under fruit and vegetable crops in the districts.

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SCHEME No. 16.

1. *Department.*—Agricultural.

2. *Scheme.*—Vegetable development.

3. *Brief description of the scheme.*—The scheme provides for the development of vegetable production in suitable areas in the Province for meeting the requirements of the population according to the nutrition standards.

4. *Areas selected for application.*—Whole Province, with particular reference to the districts of Poona, Ahmednagar, Satara, Nasik, East Khandesh, West Khandesh, Surat, Thana, Dharwar and Belgaum.

5. *Other departments concerned.*—Revenue Department for selection of areas; Public Works Department for facilities of Irrigation and Co-operative Department for organisation of Vegetable Societies and Marketing.

6. *Upper staff for planning and/or execution of the scheme.*—

One Class II Officer, B.A.S.

Four Agricultural Officers, 1st Grade.

7. *Lower staff for planning and/or execution of the scheme.*—

19 Agricultural Assistants.

Six Clerks.

Six Peons.

8. *How staff to be obtained.*—The staff will be selected out of those working under the existing Vegetable Extension Scheme.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st Year	2nd Year	3rd Year	4th Year	5th Year	Total
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(a) *Capital* ..	7,500	..	....	....	....	7,500
(b) *Recurring* ..	54,555	56,580	58,192	60,161	61,745	2,91,233
Total ..	62,055	56,580	58,192	60,161	61,745	2,98,733

10. *To what extent is the scheme productive and/or cost recoverable.*—The scheme is not directly productive.

11. *Nature of material, machinery, etc., needed from*—

(*a*) *abroad.*—50 sprayers and 50 Dust-guns.

(*b*) *locally*—Nil.

12. *Any other remarks or information.*—The scheme will bring about the optimum output of vegetables to meet the requirements of the people in the Province according to the nutrition standards.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 17 (54).

1. *Department.*—Agricultural.

2. *Scheme.*—Expansion of irrigation facilities by construction and improvement of wells.

3. *Brief description of the scheme.*—In order to increase the area under irrigation new wells will be constructed in suitable tracts and old wells will be improved by repairing, cleaning, deepening, etc.

4. *Area selected for application.*—Whole Province.

5. *Other departments concerned.*—Revenue Department for grant of subsidies and tagai loans.

6. *Upper staff for planning and/or execution of the scheme.*—

	1947–48	1948–49	1949–50	1950–51	1951–52	Total
Assistant Agricultural Engineer, B. A. S. Class II	1	..	..	..	..	1
Well Supervisors, Rs. 130–10–250	16	..	..	..	..	16

7. *Lower staff for planning and/or execution of the scheme.*—

	1947–48	1948–49	1949–50	1950–51	1951–52	Total
Well Inspectors, Rs. 54—4—90 ..	60	..	..	..	..	60
Senior Clerks, Rs. 80—5—95 ..	6	..	..	..	..	6
Junior Clerks, Rs. 25—5/2—55 ..	10	..	..	..	..	10
Peons	6	..	..	..	..	6

8. *How staff to be obtained.*—Some by promotion within the existing cadres under the Agricultural Engineer and the rest by direct recruitment.

Technical personnel can be recruited from amongst the returned soldiers.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(a) *Capital*—						
(*a*) Tagai ..	2,76,00,000	2,76,00,000	2,76,00,000	2,76,00,000	2,76,00,000	13,80,00,000
(*b*) subsidy ..	44,00,000	44,00,000	44,00,000	44,00,000	44,00,000	2,20,00,000
(b) *Recurring* ..	2,76,555	2,59,788	2,68,650	2,77,044	2,86,170	13,68,207
Total ..	3,22,76,555	3,22,59,788	3,22,68,650	3,22,77,044	3,22,86,170	16,13,68,207
Cost recoverable ..	2,76,00,000	2,76,00,000	2,76,00,000	2,76,00,000	2,76,00,000	13,80,00,000
Net cost ..	46,76,555	46,59,788	46,68,650	46,77,044	46,86,170	2,33,68,207

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10. *To what extent is the scheme productive and/or cost recoverable.*—This scheme would annually bring 44,000 acres of foodcrops under irrigation and produce about 2,20,000 maunds of additional grains (wheat, jowar, rice and pulses) costing about Rs. 33,00,000. These results will be progressively achieved within 5 years. The amount of Rs. 13,80,00,000 for grant of tagai loans is wholly recoverable.

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad*—Nil.

(*b*) *locally*—office furniture.

12. *Any other remarks or information.*—The wells will be constructed or repaired by the cultivators themselves. The small holders will be paid subsidy (*a*) up to an extent of 25 per cent. of the total actual cost of construction of a new well, with a maximum limit of Rs. 500, and (*b*) 25 per cent. of the total actual cost of improvement of an existing well, with a maximum limit of Rs. 250. The definition of small holders is given in the Bombay Small Holders' Relief Act, 1938. Tagai loans will be given to meet the whole cost of construction or improvement of wells to all holders desiring it at the rate of 3¼ per cent. interest. The tagai loans granted under the provisions of the scheme shall be reapayable in ten equal annual instalments, the first instalment being payable at the end of twelve months after the construction of the well has been completed. The tagai loans would be interest free.

2. It is proposed that 10,000 new wells should be constructed and 2,000 wells improved during the year 1947–48.

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SCHEME No. 18 (48).

1. *Department.*—Agricultural.

2. *Scheme.*—Application of groundnut cake manure to paddy, irrigated wheat and irrigated jowar crops.

3. *Brief description of the scheme.*—The areas under rice, irrigated wheat and irrigated rabi jowar in the Province are 20 lakh, 1½ lakh and about 3 lakh acres respectively. The application of groundnut cake manure to rice crops (at the rate of 1 ton to 5 acres) and to irrigated jowar and irrigated wheat crops (at the rate of 1 ton to 6 acres) has been observed to have increased the yield on any average by about 30 per cent. It is proposed to cover, within a period of 5 years, 3 to 4 lakh acres of paddy and 90 to 120 thousand acres of each of the other two crops.

The controlled price of groundnut cake has been fixed so as not to exceed Rs. 60 per ton ex-mill with secondhand gunnies. The transport charges to the depot by rail and/or by road are estimated at Rs. 15 per ton. The total price of groundnut cake manure at the distributing depots, therefore, is estimated at Rs. 75 per ton.

Government will give a subsidy on a sliding scale at Rs. 10 per ton in the first year and Rs. 5 per ton in the second year; and the cultivators will bear the remaining cost from Rs. 65 in the 1st year and Rs. 70 in the 2nd year to Rs. 75 in the fifth year, per ton. The district staff will be utilised for the distribution of cake manure; but there will be a separate special staff for purchasing and transporting cake from the mills, to issue permits, to receive returns and to control the price of the frozen cake.

The following statement gives an idea of the areas and the quantity of manure to be applied to different crops in different years :—

Year.	Paddy.		Irrigated wheat.		Irrigated jowar.		Total.	
	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.
1947–48 ..	3,00,000	60,000	90,000	15,000	90,000	15,000	4,80,000	90,000
1948–49 ..	3,50,000	70,000	96,000	16,000	96,000	16,000	5,42,000	1,02,000
1949–50 ..	4,00,000	80,000	1,20,000	20,000	1,20,000	20,000	6,40,000	1,20,000
1950–51 ..	4,00,000	80,000	1,20,000	20,000	1,20,000	20,000	6,40,000	1,20,000
1951–52 ..	4,00,000	80,000	1,20,000	20,000	1,20,000	20,000	6,40,000	1,20,000
							29,42,000	5,52,000

4. *Areas selected for application.*—Dharwar, Belgaum, Ratnagiri, Thana, Kolaba and Bombay Suburban districts for paddy crop and the Deccan for irrigated wheat and irrigated Jowar.

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5. *Other departments concerned.*—Nil.

6. *Upper staff for planning and/or execution of the scheme.*—Agricultural Officers for 5 years.

7. *Lower staff for planning and/or execution of the scheme.*—

13 Clerks
5 Kamgars } for 5 years.
12 Peons

8. *How staff to be obtained.*—By promotion and recruitment.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Recurring	9,39,300	5,50,500	41,780	42,900	43,100	16,17,580
Total ..	9,39,300	5,50,500	41,780	42,900	43,100	16,17,580

10. *To what extent is the scheme productive and/or cost recoverable.*—The resulting additional income to cultivators from different crops by working the scheme would be as under :—

Year.	Rice.		Irrigated wheat.		Irrigated jowar.		Total.	
	Additional produce.	Value.	Additional produce.	Value.	Additional produce.	Value.	Additional produce.	Value.
	Mds.	Rs.	Mds.	Rs.	Mds.	Rs.	Mds.	Rs.
1947–48 ..	9,00,000	1,44,00,000	2,70,000	32,40,000	2,70,000	16,20,000	14,40,000	1,92,60,000
1948–49 ..	10,50,000	1,68,00,000	2,88,000	34,56,000	2,88,000	17,28,000	16,26,000	2,19,84,000
1949–50 ..	12,00,000	1,92,00,000	3,60,000	43,20,000	3,60,000	21,60,000	19,20,000	2,56,80,000
1950–51 ..	12,00,000	1,92,00,000	3,60,000	43,20,000	3,60,000	21,60,000	19,20,000	2,56,80,000
1951–52 ..	12,00,000	1,92,00,000	3,60,000	43,20,000	3,60,000	21,60,000	19,20,000	2,56,80,000
Total ..	55,50,000	8,88,00,000	16,38,000	1,96,56,000	16,38,000	98,28,000	88,26,000	11,82,84,000

11. *Nature of material, machinery, etc., needed from—*

(a) *abroad.*—Typewriters.

(b) *locally.*—Office furniture, equipment, etc.

12. *Any other remarks or information.*—The details of the scheme for the first year only have been approved by Government.

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SCHEME No. 19 (49).

1. *Department.*—Agricultural.

2. *Scheme.*——Preparation of a mixture of ammonium phosphate, bone-meal and groundnut cake for application to potato crop.

3. *Brief description of the scheme.*—A scheme for the preparation and supply of manure mixture to potato growers in Poona district was sanctioned by Government for three years from 1944. It envisaged the preparation of a mixture of ammonium phosphate, bone-meal and groundnut cake and its application to potato crop over an area of 5,000 acres raising to 9,000 acres in three years. The mixture is applied at the rate of 580 lbs. per acre which amount to 70 lbs. N., and 70 lbs. of P 2 0 5. The cost comes to about Rs. 65 per acre. A godown and mixing plant have been erected at Khed. There is no loss to Government except the small cost of the staff to work the plant. It is proposed to prepare and distribute 2,387 tons of manure mixture annually sufficient for 9,000 acres.

4. *Areas selected for application.*—Poona, Satara and Nasik districts.

5. *Other departments concerned.*—Nil.

6. *Upper staff for planning and/or execution of the scheme.*—The existing Agricultural Officer will continue.

7. *Lower staff for planning and/or execution of the scheme.*—The existing staff of 2 clerks, one storekeeper and 2 peons will continue.

8. *How staff to be obtained.*—Staff already exists.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd Year.	3rd Year.	4th Year.	5th Year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* (Cost of building and plant)	There will be no additional capital expenditure as the buildings and machinery already exist.					
(*b*) *Recurring*—						
1. Pay of Officer, establishment, allowances and honoraria.	10,344	10,510	10,649	11,010	11,154	53,667
2. Working expenses ..	3,25,480	3,25,480	3,25,480	3,25,480	3,25,480	16,27,400
Total ..	3,35,824	3,35,990	3,36,129	3,36,490	3,36,634	16,81,067
Deduct Receipts ..	3,25,480	3,25,480	3,25,480	3,25,480	3,25,480	16,27,400
Net cost ..	10,344	10,510	10,649	11,010	11,154	53,667

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10. *To what extent is the scheme productive and/or cost recoverable.—*

The resulting additional yield of the crop every year by working the scheme would be as under :—

Area under Potatoes to which manure is applied (acres.)	Total additional yield (maunds).	Value of additional yield.
		Rs.
9,000	2,00,000	14,00,000

The whole cost of the scheme is recoverable as manure mixture will be sold at cost price taking into consideration all items of expenditure. There is no loss to Government except the small cost of staff to work the plant.

11. *Nature of material, machinery, etc., needed from—*

(a) *abroad*—Nil.

(b) *locally*—Ammonium phosphate will be utilised from the Government of India allocations for the Province. Groundnut cake and bone-meal will be purchased locally.

12. *Any other remarks or information.*—Nil.

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SCHEMES Nos. 20 and 21.

1. *Department.*—Agricultural.

2. *Scheme.*—Preparation (a) by individual farmers in villages round Taluka Demonstration Centres and (b) on collective basis in selected areas (canal and forest zones of compost manure from farm waste, sugarcane trash, and forest leaves in particular to augment supply of organic manure.

3. *Brief description of the scheme.*—It is proposed to supply the compost manure to food crops with a view to increasing the yield. The total production of compost every year by operating this scheme will be 2,01,68,000 c. ft. (4,03,360 tons at 50 c. ft. i.e. 1 ton).

The application of compost manure to food crops at the rate of 250 c.ft. (5 tons i.e. 10 cartloads) to an acre under irrigated crops and 125 c.ft. to an acre under rainfed crops will give an increased yield on an average of 3 maunds and 1½ maunds per acre respectively. Government will give a subsidy for digging and filling of pits.

The staff engaged in the preparation of compost manure will give technical advice to the cultivators in the actual preparation of compost manure at their farms.

The total expenditure to Government on subsidies and staff for the scheme is estimated at Rs. 12,43,874 for scheme 20 and Rs. 5,14,262 for scheme 21 during 5 years.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Revenue Department.

6. *Upper staff for planning and/or execution of the scheme.*—1 Compost Officer, 20 Agricultural Officers for 5 years.

7. *Lower staff for planning and/or execution of the scheme.*—23 clerks, 5 Agricultural Assistants, 298 Field Kamgars (282 already in service) and 22 Peons.

8. *How staff to be obtained.*—By recruitment. There are 3 Agricultural Assistants and 282 Field Kamgars already in service. Suitable ex-soldiers can be appointed to the posts of clerks or peons while the Agricultural Assistants and Field Kamgars can be recruitad from persons who have passed out from Agriculture Training Schools.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st Year.	2nd Year.	3rd Year.	4th Year.	5th Year.
	Rs.	Rs.	Rs.	Rs.	Rs.
Scheme No. 20—					
(*a*) *Capital* (subsidy) ..	2,72,000	....	....	....	....
(*b*) *Recurring*	1,80,250	1,92,686	1,93,286	2,02,526	2,03,126
Total ..	4,52,250	1,92,686	1,93,286	2,02,526	2,03,126
Grand total { Capital: .. Rs. 2,72,000 Recurring .. Rs. 9,71,874					
			12,43,874		
Scheme No. 21—					
(*a*) *Capital*	81,400	....	....	....	....
(*b*) *Recurring*	82,462	85,428	86,196	89,004	89,772
Total ..	1,63,862	85,428	86,196	89,004	89,772
Grand Total { Capital .. 81,400 Recurring .. 4,32,862					
			5,14,262		

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10. *To what extent is the scheme productive and/or cost recoverable.*—The resulting additional crops and income from the application of the compost manure by working the scheme will be as under :—

Year.	Area manured Acres.	Total additional yield, ½ maunds per acre of dry crops.	Value of additional yield calculated at Rs. 6 per maunds.
			Rs.
1st	1,49,360	2,24,040	13,44,240
2nd	1,49,360	2,24,040	13,44,240
3rd	1,49,360	2,24,040	13,44,240
4th	1,49,360	2,24,040	13,44,240
5th	1,49,360	2,24,040	13,44,240
Total ..	7,46,800	11,20,200	67,21,200
		3 mds. per acre of irrigated crops.	Rs.
1st	5,992	17,976	1,07,856
2nd	5,992	17,976	1,07,856
3rd	5,992	17,976	1,07,856
4th	5,992	17,976	1,07,856
5th	5,992	17,976	1,07,856
Total ..	29,960	89,880	5,39,280
Grand Total ..	7,76,760	12,10,080	72,60,480

11. *Nature of material machinery, etc., needed from—*

(*a*) *abroad.*—One typewriter.

(*b*) *locally.*—Tools, office furniture, equipment, etc.

12. *Any other remarks or information.*—The ultimate object of the scheme is to have a country-wide drive of compost making on village basis to tide over the scarcity of organic manure.

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SCHEME No. 22.

1. *Department.*—Agricultural.

2. *Scheme.*—Composting town refuse of municipalities into manure.

3. *Brief description of the scheme.*—The object of the scheme is to train Sanitary Inspectors of municipalities in the Bangalore process of composting town waste with the ultimate object of producing large quantities of organic manure. The scheme was put into operation on 1st August 1943 and was subsidised during the first two years, i.e., till 31st July 1945, by the Imperial Council of Agricultural Research, New Delhi, and thereafter by the Central Government on 50 per cent. basis.

(A) *Training.*—Out of 130 municipalities in this Province, 40 have become conversant with the compost process. The remaining 90 municipalities are expected to get their staff trained in the last quarter of 1946-47. All these municipalities are not likely to take advantage of the training as the sanitary staff will be very busy with office and other work, as the quarter selected for training approaches the end of the financial year. Thus, the municipalities that will not be able to depute their men, will be taken up during the year 1947-48. After the training of the staff of municipalities, the Village Panchayats in villages with a population of 5,000 and above and where arrangements exist for daily collection of refuse and night soil will be taken up. There are at present 361 Village Panchayats, out of which about 140 are with a population of 5,000 and above. Thus the staff of about 35 Village Panchayats will be trained every year from 1948-49 to 1951-52. The staff of municipalities that might have been left out of training in 1947-48 will also be trained locally or at training centres.

(B) *Organization.*—The municipalities or Village Panchayats which will have trained their staff will be helped to initiate the compost process at their own depots and to develop the work to full capacity, by solving their difficulties as regards land for compost depot, financial assistance, advertising the manure for sale, etc.

(C) *Transport.*—The sales will be expedited by arranging for the transport of the manure at places of accumulation either in Government trucks or by subsidising private agencies.

Most of the municipalities whose staff is to be trained have not yet supplied the data required for computing the extent of compost production. These municipalities are however small, and although their number is large may prepare only a small quantity of compost. Nevertheless a fair idea of the quantity of compost expected each year is given below :—

Year.	Approximate quantity of compost expected in tons.
1946-47	40,000
1947-48	50,000
1948-49	70,000
1949-50	80,000
1950-51	90,000
1951-52	1,00,000

4. *Areas selected for application.*—Whole Province. The compost manure will be used within a radius of about 5 to 10 miles from the compost centre.

5. *Other departments concerned.*—Nil.

6. *Upper staff for planning and/or execution of the scheme.*—1 Provincial Biochemist and 4 Assistant Biochemists.

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7. *Lower staff for planning and/or execution of the scheme.*—Two clerks, 10 kamgars in 1946-47, 16 kamgars from 1947-48 and 5 peons.

8. *How staff to be obtained.*—The present staff of 1 Provincial Biochemist, 4 Assistant Biochemists, 2 clerks, 10 kamgars and 5 peons will be continued and only 6 more kamgars will be taken up.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st Year.	2nd Year.	3rd Year.	4th Year.	5th Year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Capital ..	100	100	100	100	100	500
Recurring ..	79,135	77,975	79,595	80,495	82,115	3,99,315
Total ..	79,235	78,075	79,695	80,595	82,215	3,99,815

10. *To what extent is the scheme productive and/or cost recoverable.*—The resulting additional income to cultivators from the working of the scheme will be as under :—

Year.	Area to be manured at the rat. of 5 tons to an acre irrigated.	Total additional yield at 3 maunds per acre.	Value of additional yield*.
	Acres.	Maunds.	Rs.
1946–47	8,000	24,000	2,64,000
1947–48	10,000	30,000	3,30,000
1948–49	14,000	42,000	4,62,000
1949–50	16,000	48,000	5,28,000
1950–51	18,000	54,000	5,94,000
1951–52	20,000	60,000	6,60,000
Total ..	86,000	2,58,000	28,38,000

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad*—One typewriter.

(*b*) *locally*—Office furniture, etc.

12. *Any other remarks or information.*—Nil.

*The manure is likely to be applied to irrigated rice, wheat or jowar and an average rate for all these crops, viz., Rs. 11 per maund has been assumed.

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SCHEME No. 23 (15).

1. *Department.*—Agricultural.

2. *Scheme.*—Expansion of Agricultural Research.

3. *Brief description of the scheme.*—The scheme provides for the extension of scientific research work in urgent problems of agricultural development in the Province, especially in regard to the improvement of yield and quality of the more important food crops, the investigation of soil and agronomic problems of economic importance to the cultivators and scientific investigations into other aspects of agriculture which are of prior importance in post-war agricultural improvement and expansion.

The major items of scientific research work in the scheme are as under :—

(*a*) *Plant Breeding and Crop Improvement* (*Cereals*)—(Under the Deputy Director of Agriculture, Crop Research).—Provides for genetic research and all-sided improvements in the important food grain crops, viz., jowar, bajri, rice and wheat, in order to bring within the reach of the cultivator the supply of pure, high yielding, disease resistant and better quality seeds for areas which have not yet any suitable types evolved.

(*b*) *Plant Breeding and Crop Improvement* (*Pulses and Oil seeds*)—Under the Economic Botanist to Government).—Provides for urgent scientific work on the improvement of pulse and oil seed crops of importance in the Province, viz., kulthi, matki, udid, mug, tur, safflower, sesamum, gram, castor, groundnut, etc. It is proposed to establish plant breeding sub-stations in different areas of the Province for the purpose. In addition, the renovation of the herberium in the botanical section of the Agricultural College, Poona, a central laboratory at Poona for oil analysis and the necessary headquarters staff to control and direct the entire schemes have been provided.

(*c*) *Agricultural Chemistry*—(Under the Agricultural Chemist to Government).—Provides for the extension of scientific research work in connection with agricultural development in (*i*) reclamation and improvement of damaged lands, e.g., bhal lands of Gujarat, salt land areas, etc., (*ii*) fertility survey of cultivable lands in the Province, (*iii*) chemical aspects of organic and inorganic manuring of different crops on different soil types, (*iv*) improvement of gul quality, (*v*) nutritive values of various fodder crops and (*vi*) indigenous manufacture of fertilisers, insecticides, etc.

(*d*) *Agricultural Entomology.*—(Under the Agricultural Entomologist to Government, Agricultural College, Poona).—Provides for (*i*) study of the econological factors responsible for the sporadic outbreaks of various insect pests, (*ii*) expansion of the entomological section at the Agricultural College, Poona, (*iii*) investigations on the bionomics extent of damage and control of various, pests of rice crop, (*iv*) study of the insecticidal value of indigenous material, (*v*) investigation on the control of fruit pests and (*vi*) investigations on the pests of stored grains and the methods of storages.

(*e*) *Agronomical Research*—(Under the Professor of Agriculture, Agricultural College, Poona).—Provides for scientific experimental work on tillage methods, manurial experiments, rotations, etc., designed to increase the yield per acre of major crops in the Province, *e.g.*, jowar, bajri, etc., and important fodder crops.

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(*f*) *Plant Pathology.*—(Under the Plant Pathologist to Government, Agricultural College, Poona).—Provides for the establishment of two sub-stations—one in the Northern and one in the Southern Division of the Province—for scientific research work on important plant diseases and additional equipment for the Plant Pathological laboratory at the Agricultural College, Poona.

(*g*) *Agri-Silvicultural Research Station, Sirsi*—Provides for scientific investigations into problems connected with the cultivation of agricultural and garden crops in the upghat tracts of Kanara district and with silvicultural and agri-silvicultural problems dealing with improvement of production of indigenous tree crops, economic development of forest areas, land development, etc., in the same areas.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Revenue, Forest and Public Works Departments.

6. *Upper staff for planning and/or execution of the scheme.*—

Upper staff [*Items* (*a*) *to* (*g*)].

(*a*) 15 B. A. S. Class II Officers (gazetted).

(*b*) 59 Agricultural Officers (graduates) 27—Grade I.
32—Grade II.

(*c*) Artist.

7. *Lower staff for planning and/or execution of the scheme.*—

Lower staff [*Items* (*a*) *to* (*g*)].

10 Agricultural Assistants (I Grade).
39 Agricultural Assistants (II Grade).
46 Kamgars.
35 Counters.
7 Mukadams.
1 Fieldman.
31 Junior Clerks.
3 Senior Clerks.
36 Peons.
23 Laboratory boys.
1 Watchman.
1 Sweeper.
1 Bullockman.

8. *How staff to be obtained.*—Upper staff (*i.e.* gazetted and graduates) will be obtained by promotion within existing cadres or by direct recruitment of suitably qualified candidates. The lower staff will largely be obtained from departmental training centres and by promotion from lower grades in specialised sections of the Department.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Item 3—						
(*a*) *Capital* ..	3,22,000	....	....	....	....	3,22,000
Recurring ..	2,10,000	2,11,000	2,18,000	2,24,000	2,30,000	10,93,000
Total ..	5,32,000	2,11,000	2,18,000	2,24,000	2,30,000	14,15,000
Item 3—						
(*b*) *Capital* ..	28,950	....	....	....	....	28,950
Recurring ..	84,104	84,537	96,335	99,574	1,02,323	4,66,873
Total ..	1,13,054	84,537	96,335	99,574	1,02,323	4,95,823

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Vide item No. 3 above	1st year.	2nd year.	3rd year.	4th year	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Item 3—						
(c) *Capital* ..	33,600	37,200	....	....	....	70,800
Recurring ..	48,124	49,516	54,068	55,568	57,512	2,64,788
Total ..	81,724	86,716	54,068	55,568	57,512	3,35,588
Item 3—						
(d) *Capital* ..	56,140	....	11,000	....	....	67,140
Recurrig ..	68,332	72,808	74,598	78,736	80,350	3,74,824
Total ..	1,24,472	72,808	85,598	78,736	80,350	41,41,964
Item 3—						
(e) *Capital* ..	400	300	100	100	100	1,000
Recurring ..	7,006	7,530	7,698	8,106	8,274	38,614
Total ..	7,406	7,830	7,798	8,206	8,374	39,614
Item 3—						
(f) *Capital* ..	....	1,13,000	5,000	5,000	5,000	1,28,000
Recurring ..	....	22,424	23,066	24,164	24,830	94,484
Total ..	....	1,35,424	28,066	29,164	29,830	2,22,484
Item 3—						
(g) *Capital* ..	1,98,691	....	....	....	....	1,98,691
Recurring ..	36,228	37,056	38,004	38,988	40,080	1,90,356
Total ..	2,34,919	37,056	38,004	38,988	40,080	3,89,047

	Rs.
Total—Capital ..	8,16,581
Recurring ..	25,22,939
Grand Total ..	33,39,520

10. *To what extent is the scheme productive and/or cost recoverable.*—The scheme is not productive of cash return, but will result in the extension of better yielding crop varieties, reduction of losses from plant diseases and insect pests, improved methods of soil treatment and tillage, etc.

11. *Nature of material, machinery, etc., needed from—*

(a) *abroad.*—Certain laboratory apparatus, equipment, etc. not procurable in India ; chemicals, etc.

(b) *locally.*—Implements, furniture, laboratory and field equipment, etc.

12. *Any other remarks or information.*—The scheme is approved generally and detailed schemes will be considered in order of priority after reviewing research work on various items done so far and the progress made in giving effect to various research schemes now in progress etc.

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SCHEME No. 24.

1. *Department.*—Agricultural.

2. *Scheme.*—Expansion of Experimental Farms.

3. *Brief description of the scheme.*—There are 6 permanent experimental farms at Surat, Jalgaon, Arbhavi, Dharwar, Kopargaon and Kumta. It is proposed to expand the areas at the 3 experimental farms at Surat, Jalgaon and Kopargaon, so as to run them on commercial basis as the lands which are either leased out to the tenant cultivators or used for seed multiplication schemes at these farms can be taken back immediately. It is not proposed to extend the area of the other farms as land will have to be taken on lease which it would be very difficult to get at present.

4. *Areas selected for application.*—Surat, Jalgaon and Kopargaon.

5. *Other departments concerned.*—Nil.

6. *Upper staff for planning and/or execution of the scheme.*—One Agricultural Officer for each farm.

7. *Lower staff for planning and/or execution of the scheme.*—One Agricultural Assistant for each farm.

8. *How staff to be obtained.*—Partly by promotion from within the existing cadres and partly by direct recruitment.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st Year.	2nd Year.	3rd Year.	4th Year.	5th Year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1. *Surat Farm*—						
Capital	3,600	....	....	....	....	3,600
Recurring	6,268	6,328	6,508	6,568	6,688	32,360
Total ..	9,868	6,328	6,508	6,568	6,688	35,960
2. *Jalgaon Farm*—						
Capital	11,704	....	....	....	....	11,704
Recurring	10,408	10,468	10,648	10,708	10,828	53,060
Total ..	22,112	10,468	10,648	10,708	10,828	64,764

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		1st Year.	2nd Year.	3rd Year.	4th Year.	5th Year.	Total.
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
3.	*Kopargaon Farm—*						
	Capital ..	29,655	....	....	....	....	29,655
	Recurring ..	57,611	57,671	57,851	57,911	58,031	2,89,075
	Total ..	87,266	57,671	57,851	57,911	58,031	3,18,730
	Grand Total ..	1,19,246	74,467	75,007	75,187	75,547	4,19,454

10. *To what extent is the scheme productive and/or cost recoverable.*—To the extent of the recurring expenditure.

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.*—Nil.

(*b*) *locally.*—Ploughs, pumping set, crushers and other farm implements, etc.

12. *Any other remarks or information.*—Nil.

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SCHEME No. 25.

1. *Department.*—Agricultural.

2. *Scheme.*—Promotion of Apiculture (Bee-keeping). (Demonstration and propaganda).

3. *Brief description of the scheme.*—The Province is quite suitable for Apiculture because a large number of wild colonies are found in areas rich in pollen and nector-yielding plants, such as clovar, lucern, mustard, sesamum, maize, *Bajri*, and cucurbits, etc. as well as trees like Tamarind, Mango, Citrus, *Jambul, Neem, Babool* and *Gulmohar*, etc. The potentialities of this industry have not been thoroughly investigated in all the parts of this Province but wherever it has been carried out, it has practically proved a success. The object of the scheme is to educate the public to establish model apiaries, to capture bee colonies from fields and domesticate them, to survey the flora suitable for the industry and adjust the crops suitably and to extract maximum amount of honey from the colonies without injuring the comb structures.

4. *Areas selected for application.*—Ratnagiri, Karwar, Dharwar, Belgaum, Satara, Kolaba, Poona, Nasik, Thana, Surat, Broach and Panch Mahals districts.

5. *Other departments concerned.*—Revenue and Co-operative.

6. *Upper staff for planning and/or execution of the scheme.*—

2 Officers in B. A. S. Class II.

2 Inspectors.

7. *Lower staff for planing and/or execution of the scheme.*—

8 Supervisors.
19 Rangers.
37 Fieldmen.
2 Malis.
3 Peons and Hamals.
1 Clerk (Senior).

8. *How staff to be obtained.*—Upper staff by promotion within the existing cadre or by direct recruitment of suitable qualified candidates. Persons already trained for this type of work will be taken up for the posts of Supervisors, rangers, etc. The rest of the staff will be obtained largely from the lower grades in specialised sections and by direct recruitment.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st Year.	2nd Year.	3rd Year.	4th Year.	5th Year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(a) *Capital*	7,800	3,285	3,680	6,330	7,725	28,820
(b) *Recurring*	38,770	45,391	58,215	59,735	61,841	2,63,952
Total ..	46,570	48,676	61,895	66,065	69,566	2,92,772

10. *To what extent is the scheme productive and/or cost recoverable.*—To some extent by sale of honey, wax, etc.

11. *Nature of material, machinery, etc., needed from.*—

(1) *abroad.*—Nil.

(2) *locally.*—Equipment such as smokers, hive stands, Lantern projectors, etc.

12. *Any other remarks or information.*—The scheme will provide subsidiary occupation to cultivators and supplement their income.

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SCHEME No. 26 (79).

1. *Department.*—Agricultural.

2. *Scheme.*—Establishment of taluka demonstration centres in selected villages.

3. *Brief description of the scheme.*—To acquaint cultivators with modern improvements in agriculture and the use of improved seed, implements, etc., by practical demonstrations on their own lands, 214 taluka demonstration centres have been opened in selected villages in this Province. These centres are located on the lands of cultivators who agree to co-operate with the Agricultural Department by placing at its disposal suitable areas to be utilised as demonstration centres and by cultivating their lands under the direction of the officers of the Agricultural Department. Improved seeds and implements are provided free by the Agricultural Department and a Kamgar is stationed at each centre to give all possible assistance to the cultivator in cultivating the land according to the improved agricultural methods. The produce of the land so cultivated remains the property of the land owner. A small seed and implement depot is opened at each demonstration centre for the convenience of neighbouring cultivators and also a centre for the supply of improved seed, implements, etc., at the cheapest possible rates. Under the scheme, it is proposed to establish 50 additional taluka demonstration centres each year, i.e., 250 in all.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Revenue and Public Works Departments.

6. *Upper staff for planning and/or execution of the scheme.*—Nil.

7. *Lower staff for planning and/or execution of the scheme.*—A trained Kamgar in the scale of Rs. 30—35—5/2—60 for each centre.

8. *How staff to be obtained.*—From the personnel trained in departmental training centres. Returned soldiers can be employed as Kamgars after training.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st Year.	2nd Year.	3rd Year.	4th Year.	5th Year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Capital ..	25,000	25,000	25,000	25,000	25,000	1,25,000
Recurring ..	46,000	92,000	1,39,000	1,87,000	2,37,000	7,01,000
Total	71,000	1,17,000	1,64,000	2,12,000	2,62,000	8,26,000

10. *To what extent is the scheme productive and/or cost recoverable.*—Not productive.

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.*—Nil.

(*b*) *locally.*—Agricultural implements.

12. *Any other remarks or information.*—Nil.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 27 (16).

1. *Department.*—Agricultural.

2. *Scheme.*—Provision of adequate staff and contingencies for conducting the district work of the Agricultural Department throughout the Province on the adequate basis to meet Post-War requirements for Agricultural Development.

3. *Brief description of the scheme.*—Provides for (*a*) the head-quarters and (*b*) the district staff of the Agricultural Department in order to enable the extended activities of the department in the Post-War period connected with the supervision and execution of district work, i.e., propaganda, demonstration services to the public work, etc., to be adequately and efficiently carried out.

In brief, it is proposed :—

(1) to strengthen the supervisory staff of the Agricultural Department at (*a*) head-quarters and (*b*) in the districts by the addition of the undernoted Class I, B. A. S. posts on a permanent basis :—

One post of Assistant Director of Agriculture. (A).

One post of Deputy Director of Agriculture, Headquarters. (A).

One post of Deputy Director of Agriculture, Konkan Division. (B).

Two additional posts of territorial Deputy Directors of Agriculture, in addition to three such posts now in existence and the redistribution of of charges among 5 instead of 3 Deputy Directors of Agriculture.

(2) to augment the present district staff (C) of the Agricultural Department gradually over a period of 5 years so that, at the end of that period, there will be :—

One Agricultural Officer (graduate) for each Prant.

One Agricultural Assistant (non-graduate) for each Taluka.

One Agricultural Officer (graduate) for each Government Farm.

Two Agricultural Assistants (non-graduates) for each Government Farm.

Two trained kamgars under each Agricultural Officer.

One trained Kamgar under each Agricultural Assistant.

4. *Areas selected for application.*—Whole Province.

5. *Other departments to be concerned.*—Revenue and Public Works Departments.

6. *Upper staff for planning and/or execution of the scheme.*—

A. *Upper staff.*—(*a*) *Class I., B. A. S.*—

Gazetted officers	5

(A) At present, these appointments are sanctioned on a temporary basis.

(B) At present, the Konkan Division is in charge of a Divisional Superintendent of Agriculture in Class II, B. A. S.

(C) Present staff Agricultural Officers—	
in districts	18
on Government Farms	9
Present staff of Agricultural Assistants—	
in districts	21
on Government Farms	10
Present staff of Kamgars— in districts	26
on Government Farms ..	

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(*b*) *Agricultural Officers*—

Grade I	6
Grade II	19

7. *Lower staff for planning and/or execution of the scheme.*—

B. *Lower staff.*—

(*a*) *Agricultural Assistants*—

Grade I	25
Grade II	134
(*b*) *Kamgars*	260

C. *Clerical and office staff*—

(*a*) Senior clerks	17
(*b*) Junior clerks	35
(*c*) Peons	40

8. *How staff to be obtained.*—The Class I, B. A. S. personnel will largely be available by promotion within existing cadres of the Agricultural Department, e.g., from Class II, B. A. S. and senior graduates' cadre. The appointments of Agricultural Officers in Grade I will be filled by promotion from existing staff in Grade II and in Grade II by recruitment from graduates of the Agricultural Collage, Poona. Lower and clerical staff will have to be recruited from suitable applicants at department training centres and, possibly, from demobilised military personnel after suitable training period.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st Year.	2nd Year.	3rd Year.	4th Year.	5th Year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital (vide Item 3 above)* ..	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*
(*b*) *Recurring*—						
(*a*) *Pay of staff*—						
1. Upper staff	30,000	40,500	50,500	55,000	60,000	2,36,000
2. Lower staff ..	80,000	1,45,000	2,00,000	2,40,000	3,00,000	9,65,000
3. Clerical and office staff ..	30,000	43,000	50,000	51,000	52,000	2,26,000
(*b*) *Allowances*	57,000	1,00,000	1,32,000	1,50,000	1,70,000	6,09,000
(*c*) *Contingencies*	10,000	11,000	12,000	9,000	9,000	51,000
Total ..	2,07,000	3,39,500	4,44,500	5,05,000	5,91,000	20,87,000

10. *To what extent is the scheme productive and or cost recoverable.*—The scheme is not directly productive and none of the cost involved is recoverable. The additional staff, however, is necessary for the adequate supervision and conduct of the increased activities of the Agricultural Department consequent upon other schemes of rural development and the increase in departmental activities anticipated in the immediate poat-war period.

11. *Nature of material, machinery, etc., needed from*—

(*a*) *abroad.*—Typewriting machines, duplicators and specialised office equipment.

(*b*) *locally.*—Agricultural implements, office fruniture and equipment, etc.

12. *Any other remarks or information.*—The scheme is generally approved in principle and the Director asked to approach Government for the creation of additional posts as and when required with full details of the expenditure required to strengthen the staff in the areas concerned.

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SCHEME No. 28 (17).

1. *Department.*—Agricultural.

2. *Scheme.*—Establishment required by the Deputy Director of Agriculture, Headquarters, "Grow More Food Crops" Campaign, for controlling the various schemes for multiplication and distribution of improved seeds of food grain crops (schemes Nos. 10 to 14) and purchase, storage and distribution of manure (schemes Nos. 18 to 22) for the same.

3. *Brief description of the scheme.*—The scheme provides for the necessary expansion of the Central Office under the Deputy Director of Agriculture, Headquarters, "Grow More Food Crops" Campaign, Poona. The total estimated expenditure of the various schemes comes to Rs. 1,99,27,364. The following statement gives an idea of the amount of work and funds to be handled under each scheme :—.

S. No.	Name of the Scheme.	Area aimed at.	Total area to be covered during the period of the scheme.	Estimated net cost.	Total additional yield.
1	2	3	4	5	6
		Acres.	Acres.	Rs.	Maunds.
10	A five-year scheme for the multiplication and distribution of improved strains of different varieties of paddy in the drilled paddy tracts (Dharwar and Belgaum districts).	1,50,000	7,43,250	14,42,770	14,86,500
11	A five-year scheme for the multiplication and distribution of improved varieties of paddy seeds in the North Konkan tracts (Thana, Bombay Suburban and Kolaba districts).	3,00,000	14,66,500	17,65,211	21,99,750
12	A four-year scheme for the multiplication and distribution of Nadiad bajri No. 207 (Ahmedabad and Kaira districts).	3,00,000	15,78,000	5,58,358	15,78,000
13	A scheme for the multiplication and distribution of seeds of improved varieties of bajri, rabi jowar, wheat and gram in the extensive dry tracts of the Bombay Deccan and Karnatak.	68,00,000	2,52,14,000	1,07,04,427	1,34,32,375
18	Application of groundnut cake manure to paddy, irrigated wheat and jowar crops.	5,20,000	29,42,000	16,17,580	88,26,000
19	Preparation of a mixture of ammonium phosphate, bonemeal and groundnut cake for application to potato crop.	5,000	9,000	16,81,067	2,00,000
20 and 21	Schemes for compost making by individual farmers in villages round Taluka Demonstration Centres and compost making on collective basis in selected areas (canal and forest zones).	1,55,000	7,76,760	17,58,136	12,10,080
22	Scheme for composting town refuse of municipalities into manure.	20,000	86,000	3,99,815	2,58,000
	Total ..	82,50,000	3,28,15,510	1,99,27,364	2,91,90,705

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4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—

6. *Upper staff for planning and/or execution of the scheme.*—Two Gazetted Officers in Class II of the Bombay Agricultural Service for five years.

7. *Lower staff for planning and/or execution of the scheme.*—16 clerks and 11 peons for five years.

8. *How staff to be obtained.*—By promotion and recruitment.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st Year.	2nd Year.	3rd Year.	4th Year.	5th Year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Capital	1,500	....	....	....	....	1,500
Recurring	39,712	44,186	45,626	45,626	45,626	2,20,776
Total ..	41,212	44,186	45,626	45,626	45,626	2,22,276

10. *To what extent is the scheme productive and/or cost recoverable.*—The scheme is not directly productive.

11. *Nature of material, machinery, etc., needed from*—

(*a*) *abroad.*—Typewriter, duplicators and specialised office equipment.

(*b*) *locally.*—

12. *Any other remarks or information.*—The scheme is of urgent importance in order to enable adequate and efficient supervision being exercised over the various schemes under the Deputy Director of Agriculture, Headquarters.

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SCHEME No. 29 (81).

1. *Department.*—Agricultural.

2. *Scheme.*—Land Development and Improvement (Scarcity Areas).

3. *Brief description of the scheme.*—The scheme provides for progressive and permanent improvement and development of agricultural, forest and waste lands in the districts most liable to famine and scarcity conditions, by the extension of land development and improvement works designed to check soil erosion and to ensure that the fullest use is made of available rainfall in crop production. Such works include large scale contour bunding on units of complete water-sheds, gully plugging, and, on forest and waste lands, contour trenching and reafforestation. In addition, scientific methods of dry farming based upon the successful results of experimental work carried out at the Dry Farming Research Stations at Sholapur and Bijapur will be introduced and extended over the contour bunded cultivated areas within the scheme. In short, the projects contemplated under the scheme are designed to obtain more assured and better crop production by the adoption of anti-erosion measures and by the wide-spread extension of cultural and other methods designed to conserve soil manure for crop use. The scheme provides for improvement and development of an area of 2½ lakh acres annually.

4. *Areas selected for application.*—Mainly the Dharwar, Belgaum and Bijapur districts of the Karnatak and Poona, Ahmednagar, Sholapur and Satara districts of the Deccan.

5. *Other departments concerned.*—(*a*) Revenue department for the selection of suitable areas in the districts mentioned above for the commencement of land development projects and for the preparation of revised records of rights, etc., in respect of developed areas.

(*b*) Co-operative Department for the organisation of co-operative land development (or bunding) societies in developed project areas to undertake the maintenance and preservation of anti-erosion works and to assist in the introduction and extension of dry farming methods on the cultivable lands and the protection of young tree growth on forest and waste lands within a project area.

(*c*) Forest Department for assistance in the provision of supervisory staff required for reafforestation work and the protection of reafforested areas.

6. *Upper staff for planning and/or execution of the scheme.*—

1 Deputy Director of Agriculture (Land Improvement).
2 Land Improvement Officers (South Circle and North Circle).
5 Assistant Land Improvement Officers—two for survey and one each for dry farming, forestry and records.
11 District Land Improvement Officers (B. A. S. Class II).
1 Accounts Officer (B. A. S. Class II).
1 Personal Assistant.
3 Office Superintendents (B. A. S. Class II).

7. *Lower staff for planning and/or execution of the scheme.*—

20	Senior Land Assistants	... ...	(Rs. 160—10—260).
20	Junior Land Assistants		(Rs. 110—8—150).
100	Field Assistants	... ...	(Rs. 70—5—100).
4	Land Improvement Assistants	... ...	(Rs. 80—5/2—150).

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1	Photographer	
250	Overseers	(Rs. 50—5/2—100).
5	Draftsmen.	
60	Tracers	(Rs. 50—5/2—100).
3	Storekeepers	(Rs. 80—5/2—95).
125	Khalasis	(Rs. 15 p.m.).
70	Forest Guards	(Rs. 25 p.m.).
12	Beat Guards	(Rs. 15—1/2—20).
5	Store coolies	(Rs. 15 p.m.).
20	Senior Clerks	(Rs. 80—5/2—95).
2	Accountants	(Rs. 95—5—120).
40	Junior Clerks	(Rs. 25—5/2—55).
2	Stenographers	(Rs. 80—5/2—95).
2	Store Clerks	(Rs. 25—5/2—55).
	Peons	

8. *How staff to be obtained.*—Already appointed.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st Year.	2nd Year.	3rd Year.	4th Year.	5th Year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Capital ..	30,00,000	30,00,000	30,00,000	30,00,000	30,00,000	1,50,00,000
Recurring ..	10,00,000	10,00,000	10,00,000	10,00,000	10,00,000	50,00,000
Total ..	40,00,000	40,00,000	40,00,000	40,00,000	40,00,000	2,00,00,000
Cost recoverable ..	22,50,000	22,50,000	22,50,000	22,50,000	22,50,000	1,12,50,000
Net cost ..	17,50,000	17,50,000	17,50,000	17,50,000	17,50,000	87,50,000

10. *To what extent is the scheme productive and/or cost recoverable.*—75 per cent. of the capital expenditure incurred is recoverable from the land owners by instalments over a period of 12 years (free of interest).

The scheme will be indirectly productive to a very considerable extent by ensuring the conservation of rainfall and by checking soil erosion in the 'Scarcity areas' of the Province. In addition, the scheme provides for the introduction and extension of dry farming system of cultivation on a scientific basis. At a conservative estimate, the average increase of crop per annum on the areas developed under the scheme may be taken at 25 per cent.

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.*—
(*b*) *locally.*— } All material, etc., has already been purchased.

12. *Any other remarks or information.*—Nil.

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SCHEME No. 30 (81-A).

1. *Department.*—Agricultural.

2. *Scheme.*—Establishment of Land Improvement Research Section, Sholapur.

3. *Brief description of the scheme.*—(*a*) To conduct scientific research and investigation on problems connected with the technical and economic aspects of soil and rainfall conservation, anti-erosion measures, etc., in different tracts and under varying soil-climate complexes in the Province, particularly in areas in which the Land Improvement Department is operating ;

(*b*) To investigate the relationship between soil properties and liability, etc., to erosion in different tracts and the effect of land improvement measures on the physical and chemical composition of soils over adequate periods of time ;

(*c*) To maintain surveys of bunded and trenched areas with reference to the effect of anti-erosion measures on soil structure, etc., the factors causing breaching and other types of damage in relation of rainfall, gradient, soil type and the maintenance and durability of completed anti-erosion works, etc. ;

(*d*) To investigate engineering aspects of anti-erosion measures, contour bunding, contour trenching, gully plugging, drainage of bunded areas, etc., with the object of increasing technical efficiency and reducing cost of construction and maintenance ; and

(*e*) To maintain adequate statistical data, rainfall records, etc., in connection with the work of the Land Improvement Department in the districts and to assist and advise the staff of the Department in the lay-out and management of large scale experimental work in connection with land improvement works.

4. *Areas selected for application.*—Scientific research and the investigations, etc., will be carried out at Bijapur and Sholapur.

5. *Other departments concerned.*—

6. *Upper staff for planning and/or execution of the scheme.*—

One Land Improvement Investigator (Class II, B.A.S.).
One Soil Engineer (Class I, B.A.S.).
One Statistician (Class II, B.A.S.) [Not to be filled for the present].
Two Agricultural Officers.
Four Agricultural Assistants.
Six Agricultural Kamgars.
Two Draftsmen.
One Senior Clerk.
One Junior Clerk.

7. *Lower staff for planning and/or execution of the scheme.*—
Five Peons.

8. *How staff to be obtained.*—Upper staff, e.g., grazetted and agricultural graduates will be obtained by promotion within existing cadres or by direct recruitment of suitable qualified candidates. The lower staff will be obtained by promotion from lower grades in the Department.

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9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital*	...	...	...	...	...	...
(*b*) *Recurring*	51,000	52,000	53,000	55,000	56,000	2,67,000
Total ...	51,000	52,000	53,000	55,000	56,000	2,67,000

10. *To what extent is the scheme productive and/or cost recoverable.*—The measures though not directly productive would help in obtaining valuable results in improvement in the technique of field work in connection with soil and rainfall conservation.

11. *Nature of material, machinery, etc., needed from*—

(*a*) *abroad.*—

(*b*) *locally.*—

12. *Any other remarks or information.*—The scheme has been sanctioned by Government.

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SCHEME No. 31 (81-B).

1. *Department.*—Agricultural.

2. *Scheme.*—Research work on Contour Strip Cropping in areas under land improvement.

3. *Brief description of the scheme.*—(*a*) To find out the most suitable economic cover crops including perennial grasses, shrubs, etc., in different tracts and under varying soil climatic complexes in the Province, particularly, in areas in which the Land Improvement Section is operating ;

(*b*) To investigate the most suitable widths of erosion-resisting crops in combination with erosion-permitting ones for different soil types, gradients and climatic variations ;

(*c*) To adjust seed rate of the erosion-resisting crops to afford optimum canopy of the crops to the land ;

(*d*) To evolve a long range ereal-legume rotation, i.e., a rotation of erosion-permitting crops with erosion-resisting ones, within the contour strippped areas so as to maintain the maximum efficiency in soil conservation ; and

(*e*) To study the trend of fertility changes in the contour strip cropped areas.

4. *Areas selected for application.*—Sholapur, Bijapur, Ahmednagar and Belgaum.

5. *Other departments concerned.*—

6. *Upper staff for planning and/or execution of the scheme.*—

One Supervisor (Class II, B.A.S.).
Two Agricultural Officers.
Two Agricultural Assistants.
Twelve Kamgars.
One Senior Clerk.

7. *Lower staff for planning and/or execution of the scheme.*—

Two peons.
Two Khalasis.

8. *How staff to be obtained.*—The Gazetted and other staff required will be obtained by—

(*a*) Promotions within the existing staff of the Land Improvement Section or
(*b*) by direct recruitment of specially qualified candidates after advertisement.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital*	...	...	...	...	...	...
(*b*) *Recurring* ...	41,000	41,000	42,000	43,000	44,000	2,11,000
Total ...	41,000	41,000	42,000	43,000	44,000	2,11,000

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10. *To what extent is the scheme productive and/or cost recoverable.*—The scheme is not productive but the research and the investigations that will be carried out under the scheme are essential for securing the maximum outturn of crop in bunded areas.

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.*—

(*b*) *locally.*—

12. *Any other remarks or information.*—The scheme has been sanctioned by Government.

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SCHEME No. 32 (3).

1. *Department.*—Agricultural.

2. *Scheme.*—Extensive work in Livestock Improvement.

3. *Brief description of the scheme.*—It is proposed—

(1) To organise 60 "Supplementary Breeding Centres" for the production of breeding stock and for the improvement of the Khillar, Amrit Mahal and Kankrej breeds of cattle over a period of 5 years, each centre consisting of 5 villages. At each centre, 50 selected cows and 5 breeding bulls will be placed with approved cultivators on specific conditions framed to ensure the use of the progeny for further distribution. Twelve Centres will be organised annually and the work will be under close departmental supervision. At present, this type of work is confined to issue of "Premium Bulls" and "Premium Cows" on specified breeding areas;

(2) To intensify the "Premium Bull" and "Premium Cow" schemes in the Province. At present, about 200 bulls and 300 cows are being given out annually under the "Premium" schemes. It is proposed to increase the annual issue of "Premium Bulls" and "Premimum Cows" to 400 and 1,200 per annum respectively by the end of the 5-year period;

(3) To intensify the district work of the Livestock Section of the Agricultural Department, especially in connection with the demonstrations and propaganda towards the production of fodder by scientific methods and on a much increased scale, by distribution of seed of improved fodder crops, construction of silo pits, etc., and the expansion of arrangements for periodic district cattle shows and cattle rallies; and

(4) To augment the supervisory and district staff of the Livestock Section of the Agricultural Department in order to ensure that the items of the Livestock Extension Scheme given above are carried out efficiently and satisfactorily and to provide an adequate staff for the normal increase in the post-war activities of the Section in connection with Livestock improvement. Four Divisional Inspectors of Cattle Breeding in Class II of the Bombay Agricultural Service have been appointed and the number of Agricultural Officers in charge of Cattle Breeding is increased from 14 to 19 so as to provide one such Agricultural Officer per district.

The scheme was sanctioned and launched in October 1944, and during the years 1944–45 and 1945–46, 24 Supplementary Breeding Centres have been established, and 14 Centres are being organised. Twelve such centres will be organised depending on the availability of the stock and season. The provision on account of silage making demonstrations in Pardi and Bulsar talukas of Surat district is also included in the rough estimates given below.

4. *Areas selected for application.*—Whole Province and particulary areas suitable for different types of cattle.

5. *Other departments concerned.*—Revenue, Public Works and Co-operative Departments.

6. *Upper staff for planning and/or execution of the scheme.*—

(*a*) Gazetted Staff—

Four Divisional Inspectors of Cattle Breeding.

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(*b*) Non-Gazetted staff—

Five Agricultural Officers in charge of Cattle Breeding. The staff mentioned above will deal with both (*a*) preparation of plans and estimates and (*b*) execution of the scheme.

7. *Lower staff for planning and/or execution of the scheme.*—

(*a*) Non-graduate (trained)

Five Agricultural Assistants.
Seventy-one Cattle Kamgars.

(*b*) Clerical and Office staff—

Ten Senior Clerks.
Twenty-eight Junior Clerks.
Eighteen Peons.

The staff requirements mentioned above are based upon a programme of Livestock Extension work over a period of 5 years and are *in addition* to the existing staff of the Livestock Section of the Agricultural Department.

8. *How staff to be obtained.*—Senior gazetted staff has been appointed by promotion from the cadre of the Livestock Section.

Non-gazetted Senior staff will be directly recruited from the Agricultural College, etc.

Lower (Technical) staff will be provided partly by promotion of suitable existing staff to posts of Agricultural Assistants, and by direct recruitment and training at Government Cattle Farms of suitable persons for cattle Kamgars. Clerical and office staff will be obtained by promotion of existing staff to senior posts, and by direct recruitment to junior clerks' posts and of peons.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
**Capital*	88,000	88,000	12,000	12,000	12,000	2,12,000
†*Recurring*	2,95,000	3,02,000	3,09,000	3,16,000	3,23,000	15,45,000
Total ...	3,83,000	3,90,000	3,21,000	3,28,000	3,35,000	17,57,000

*Provides for 50 per cent. of cost of animals supplied to S. B. Centres, the remaining 50 per cent. to be recovered from the persons to whom such animals are allotted.

†Provides for maintenance charges in accordance with existing rules under "Premium Bull" and "Premium Cow" schemes, cost of cattle kamgars (one per centre) and other staff, etc.

10. *To what extent is the scheme productive and/or cost recoverable.*—The scheme is essentially productive in that it will increase rapidly and extensively the stocks of well-bred cattle in the areas of operation and in addition will grade up ordinary village cattle by the provision of good breeding stock. The scheme will produce many young breeding animals for distribution in other areas.

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11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.*—Dairy equipment, e.g., cream separators, butter churns, etc. Sheep shearing equipment.

(*b*) *locally.*—Agricultural implements, veterinary instruments, incubators, byre equipment, e.g., pails, chains, ropes, etc. Grass drying plant. Wire-netting (for Poultry Farms). Building materials, etc.

12. *Any other remarks or information.*—The scheme has already been sanctioned by Government and so far 36 Supplementary Breeding Centres have been established. It is proposed to establish the remaining 24 centres during 1947-48 and 1948-49, i.e., 12 centres in each year.

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SCHEME No. 33 (51).

1. *Department.*—Agricultural.

2. *Scheme.*—Extensive work in Livestock Improvement (Establishment of Cattle Breeding Farms).

3. *Brief description of the scheme.*—The scheme provides for the expansion of Livestock Improvement work, particularly for the establishment of three Government Cattle Breeding Farms for useful breeds of cattle, which are at present inadequately provided for in this respect.

It is proposed to establish Government Cattle Breeding Farms for (*a*) the Dangi breed in Nasik, (*b*) the Gir breed in Ahmednagar, and (*c*) the Dangi breed in Ratnagiri districts, i.e., 3 additional farms. At present there are no Government farms for these important breeds in the Province.

The scheme has already been sanctioned by Government. The land selected for Gir Cattle Breeding Farm at Kopergaon in Ahmednagar district has been acquired and the farm work has now been started. The lands required for the other two farms are being acquired. All these farms will be organised and the work will be started in 1947–48, provided the lands proposed for two farms are acquired and the construction of the buildings finished during 1946–47.

4. *Areas selected for application.*—Nasik, Ahmednagar and Ratnagiri districts.

5. *Other departments concerned.—Revenue Department.*—In regards to sites and lands for the location of the cattle breeding farms.

Public Works Department.—In regard to any construction work to be carried out under the scheme.

Co-operative Department.—In regard to propaganda and organisation towards the formation of Cattle Breeding Societies and other co-operative organisations for the welfare of cattle breeders and farmers, etc.

6. *Upper Staff for planning and/or execution of the scheme.*—

Three Agricultural Officers in charge Cattle Breeding Farms.

7. *Lower staff for planning and/or execution of the scheme.*—

Two Agricultural Assistants.
Four Cattle Kamgars.
Three Junior Clerks.
Three Store Keepers.
Three Peons.

8. *How staff to be obtained.*—Agricultural Officers in charge Cattle Breeding Farms will be obtained by promotion within the cadre of the Livestock Section.

Lower (Technical) staff will be provided partly by promotion of suitable existing staff, and by direct recruitment and training at Government Cattle Breeding Farms of suitable persons for Cattle Kamgars.

Clerical and office staff will be obtained by direct recruitment.

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9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.—*

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Recurring—						
1. Dangi Cattle breeding farm (Nasik district) ...	22,000	22,000	22,000	22,000	22,000	1,10,000
2. Gir Cattle Breeding Farm (Ahmednagar district)	22,000	22,000	22,000	22,000	22,000	1,10,000
3. Dangi Cattle Breeding Farm (Ratnagiri district) ...	23,000	23,000	23,000	23,000	23,000	1,15,000
Total ...	67,000	67,000	67,000	67,000	67,000	3,35,000

(No provision for capital expenditure has been made as the necessary expenditure was incurred in the year prior to 1947-48).

10. *To what extent is the scheme productive and/or cost recoverable.*—It is expected that the annual receipts of the farms on account of sale of milk, breeding bulls and surplus stock will be as under :—

	Rs.
(1) Gir Farm in Ahmednagar district	10,000
(2) Dangi Farm in Ratnagiri district	5,000
(3) Dangi Farm in Nasik district	5,000

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.*—Dairy equipment, cream separators, butter churns.

(*b*) *locally.*—Agricultural implements, byre equipment, pails, chains, ropes, etc., Grass Drying plant. Building materials.

12. *Any other remarks or information.*—Nil.

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SCHEME No. 34 (52).

1. *Department.*—Agricultural.

2. *Scheme.*—(*A*) Establishment of Sheep Breeding Sub-Stations for work on the improvement of Sheep and wool in Khandesh, Ahmedabad, Satara, Ahmednagar and Dharwar districts; and

(*B*) Institution of Rural Sheep Breeding Centres.

3. *Brief description of the scheme.*—The scheme provides for the establishment of Sheep Breeding Sub-Stations for the improvement of the Sheep and wool in Khandesh, Ahmedabad, Satara, Ahmednagar and Dharwar districts and the institution of Rural Sheep Breeding Centres. At present, the important breeds of Sheep in these areas are neglected so far as work on scientific breeding and wool improvement is concerned. Existing Sheep Breeding Stations and Sub-Stations in the Province are at Poona, Javale (Sholapur district), Bagalkot (Bijapur district) and Belgaum only. The main object of establishing these Sub-Stations is to evolve strains of sheep best suited to the local environment, and to study the problems of feeding, management of flocks, etc., and finally to produce the stud sheep required for dissemination in the areas where these farms will be located. The farms will start working as soon as the lands are acquired and buildings constructed.

The object of institution of Rural Sheep Breeding Centres is to spread fine woolled sheep in the villages by (1) locating selected rams among the flock owners, (2) establishing controlled flocks among the shepherds to serve as rural stud producing units by offering a subsidy to the selected ewes, (3) introducing the method of 'Collective Breeding' for the dissemination of the blood of the best rams and (4) organizing Breeders' and Spinners' Societies and educating the village wool artisan in the improved methods of wool utilization in the rural industry.

The work of selection of suitable sites in the intensive sheep breeding areas will be completed by the end of 1946-47. Along with this work, training of the personnel and preliminary work of assembling of equipment, preparation of plans for buildings, etc. is undertaken. The establishment of the Sheep Breeding Sub-Stations and the Rural Sheep Breeding Centres will be completed by the end of 1947-48.

4. *Areas selected for application.*—(*A*) Khandesh, Ahmedabad, Satara, Ahmednagar and Dharwar districts. (*B*) Poona, Sholapur, Belgaum and Bijapur districts.

5. *Other departments concerned.*—Revenue Department in regard to selection and location of sites for the Sheep Breeding Farms.

6. *Upper staff for planning and/or execution of the scheme.*—Nil.

7. *Lower staff for planning and/or execution of the scheme.*—

Non-gazetted Staff.—

(*a*) *Sheep Breeding Sub-Stations*—				
Agricultural Assistants	...	...	...	10
Kamgars	...	...	...	8
(*b*) *Institution of Rural Sheep Breeding Centres.*—				
Agricultural Assistants	...	...	...	2
Kamgars	...	...	...	4

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8. *How staff to be obtained.*—Partly by promotion and partly by direct recruitment.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(1) *Establishment of Sheep Breeding Sub-Stations.*—						
Capital	12,000	10,000	...	...	...	22,000
Recurring	18,000	22,000	22,000	20,000	20,000	1,02,000
Total ...	30,000	32,000	22,000	20,000	20,000	1,24,000
(2) *Institution of Rural Sheep Breeding Centres*—						
Capital	14,000	...	...	...	...	14,000
Recurring	47,000	47,000	48,000	48,000	48,000	2,38,000
Total ...	61,000	47,000	48,000	48,000	48,000	2,52,000
					Grand total	... 3,76,000

10. *To what extent is the scheme productive and/or cost recoverable.*—The receipts by sale of stud sheep, wool and discarded sheep will approximately amount to Rs. 1,000.

11. *Nature of material, machinery, etc., needed from*—

(*a*) *abroad.*—Shearing scissors.

(*b*) *locally.*—Agricultural implements, vety. instruments, hoppers, furniture, wire-netting, etc.

12. *Any other remarks or information.*—Estimate of land is not included as it is assumed that Government land will be made available. The schemes have already been sanctioned by Government.

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SCHEME No. 35 (53).

1. *Department.*—Agricultural

2. *Scheme.*—Scheme for extensive work in Livestock Improvement (Poultry Breeding).

3. *Brief description of the scheme.*—The scheme provides for the expansion of Livestock Improvement by the establishment of 17 Government Poultry Breeding Farms for useful breeds of poultry, at present inadequately provided for in this respect.

Government have sanctioned 3 Poultry Farms in Satara, Nasik and Surat districts and have also called for proposals for establishment of 14 additional Poultry Farms as soon as circumstances permit. The acquisition proceedings for the establishment of 3 Poultry Farms already sanctioned are in progress and the farms will start fully working during 1947–48.

4. *Areas selected for application.*—Satara, Nasik, Surat, Poona, Sholapur, Belgaum, Ratnagiri and Kolaba districts.

5. *Other departments concerned.—Revenue Department.*—In regard to sites and lands for the location of the Poultry Breeding Farms.

Public Works Department.—In regard to any construction work to be carried out under the scheme.

Co-operative Department.—In regard to propaganda and organization towards the formation of Poultry Breeding and Egg Marketing Societies and other Co-operative organizations for the welfare of Poultry breeders and farmers, etc.

6. *Upper staff for planning and/or execution of the scheme.*—Nil.

7. *Lower staff for planning and/or execution of the scheme.—*
Trained staff.—
Seventeen Agricultural Assistants (Managers).
Three Field Kamgars.

8. *How staff to be obtained.*—Managers by promotion within the cadre of the Livestock Section; lower (technical) staff partly by promotion of suitable existing staff and by direct recruitment and training at Government Poultry Farms.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.—*

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Capital ...	... 1,31,000	...	...	...	...	1,31,000
Recurring ...	... 62,000	58,000	59,000	59,000	59,000	2,97,000
Total	... 1,93,000	58,000	59,000	59,000	59,000	4,28,000

(*Note.*—No provision on account of acquisition or purchase of land is made.)

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10. *To what extent is the scheme productive and/or cost recoverable.*—It is expected that the annual receipts on account of sale of hatching eggs, and pedigree stock of birds will be Rs. 2,000 approximately.

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.*—Incubators, punching sets, legbands and rings, etc.

(*b*) *locally.*—Poultry house and yard equipment, small agricultural implements, feeding hoppers, wire netting, etc.

12. *Any other remarks or information.*—Nil.

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SCHEME No. 36 (6).

1. *Department.*—Agricultural.

2. *Scheme.*—Expansion of the Headquarters staff of the Agricultural Engineer to Government.

3. *Brief description of the scheme.*—An increase in the staff, contingencies, etc., of the Agricultural Engineer to Government is of great importance in order to enable that officer to undertake rapidly and efficiently the preliminary work connected with other schemes of Post War Reconstruction under the Agricultural Department, e.g., preparation of plans and estimates for constructional works, etc., and to supervise their execution.

4. *Areas selected for application.*—Headquarters of the Agricultural Engineer to Government, i.e., Agricultural College, Poona. The results of the work proposed under this item will be valuable over the whole Province.

5. *Other departments concerned.*—Nil.

6. *Upper staff for planning and/or execution of the scheme.*—

One Technical Assistant (Rs. 130—10—250).
One Overseer (Rs. 130—10—250).

7. *Lower staff for planning and/or execution of the scheme.*—

Technical Staff :—
One Draftsman (Rs. 90—4—130).
One Tracer (Rs. 35—5/2—80).

Clerical Staff :—
One Senior Clerk (Rs. 80—5/2—95).
One Junior Clerk (Rs. 25—2/5—55).
One Peon (Fixed Pay).

8. *How staff to be obtained.*—Some by promotion within the existing cadres under the Agricultural Engineer and the rest by direct recruitment.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Capital	...	...	...	...	...	...
Recurring	20,078	18,720	19,168	19,624	20,109	97,699
Total ...	20 078	18,720	19,168	19,624	20,109	97,699

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10. *To what extent is the scheme productive and/or cost recoverable.*—The scheme is not directly productive and the cost is not recoverable.

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.*—Nil.

(*b*) *locally.*—Office furniture.

12. *Any other remarks or information.*—The necessary staff has been appointed and the work is being carried out.

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SCHEME No. 37 (24).

1. *Department.*—Agricultural.

2. *Scheme.*—Revival of the Boring Section.

3. *Brief description of the scheme.*—It is proposed to provide adequate staff, equipment, contingencies, etc., on the basis of the provision of boring machines (both hand and power) as detailed below :—

District.	1947–48.	1948–49.	1949–50.	1950–51.	1951–52.
Ahmedabad	2	3	3	3	3
Kaira	6	8	8	8	8
Broach and Panch Mahals	1	1	1	1	1
Surat	1	2	2	2	2
Thana and Bombay Suburban ...	3	4	4	4	4
Ahmednagar	1	1	1	1	1
East Khandesh	1	2	2	2	2
West Khandesh	1	1	1	1	1
Nasik	1	1	1	1	1
Poona	2	3	3	3	3
Satara	1	1	1	1	1
Dharwar	2	3	3	3	3
Bijapur	1	2	2	2	2
Sholapur	2	3	3	3	3
Belgaum	...	1	1	1	1
Reserve	...	1	1	1	1
Total ...	25	37	37	37	37

4. *Other departments concerned.*—Revenue Department in regard to applications from cultivators and for assistance in recoveries of dues for such works.

5. *Upper staff for planning and/or execution of the scheme.*—

	1947–18.	1948–49.	1949–50.	1950–51.	1951–52.
1. Boring overseer, Class II, B.A.S. ...	1	1	1	1	1
2. Boring Assistant, Rs. 130—10—250 ...	4	4	4	4	4

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6. *Lower staff for planning and/or execution of the scheme.—*

	1947–48.	1948–49.	1949–50.	1950–51.	1951–52.
1. Boring Mechanics (Rs. 90—4—130) ...	4	4	4	4	4
2. Boring Operators	25	37	37	37	37
3. Boring Mates (Rs. 30—2—60) ...	21	33	33	33	33
4. Senior Clerks (Rs. 80—5/2—95) ...	2	2	2	2	2
5. Store-Keeper (Rs. 80—5/2—95) ...	1	1	1	1	1
6. Junior Clerks (Rs. 25—5/2—55) ...	6	6	6	6	6
7. Junior Mechanics (Rs. 35—5/2—80) ...	2	2	2	2	2
8. Peons	6	6	6	6	6

7. *How staff to be obtained.*—By promotion from within the existing cadres under the Agricultural Engineer in some cases and the rest by direct recruitment. Many posts will be suitable for the ex-soldiers from technical units.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.—*

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Capital	2,16,000	2,16,000	...	...	...	4,32,000
Recurring	1,66,207	1,93,674	2,18,142	2,22,240	2,26,994	10,27,257
Total ...	3,82,207	4,09,674	2,18,142	2,22,240	2,26,994	14,5 ,7

10. *To what extent is the scheme productive and/or cost recoverable.*—About 50 per cent. of the recurring cost of the scheme will be recovered.

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.*—Twenty-four Power Boring machines and tools.

(*b*) *locally.*—Boring accessories and tools for M. P. power and Calyx machines and for hand-boring machines; office furniture and equipment, etc.

12. *Any other remarks or information.*—During 1947–48, the boring work will be carried out in 14 districts of the Province, and 21 Power and 4 hand boring machines will be put into operation. It is expected that about 13,000 feet of boring will be carried out with the above equipment.

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SCHEME No. 38 (25).

1. *Department.*—Agricultural.

2. *Scheme.*—Research work in urgent problems connected with Agricultural Engineering.

3. *Brief description of the scheme.*—Mechanical cultivation forms an important part of agricultural development. The scheme provides for intensive research work on the economical manufacture and more effective use of agricultural implements and mechanical appliances with a view to simplifying agricultural operations.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Nil.

6. *Upper staff for planning and/or execution of the scheme.*—One Research Engineer, B.A.S. Class II.

7. *Lower staff for planning and/or execution of the scheme.*—
One Senior Mechanic. Rs. 90—4—130.
One Junior Mechanic. Rs. 35—5/2—80.
One Junior Clerk. Rs. 25—5/2—55—60—5/2—75.
Two Peons. Rs. 17 p.m. (Fixed pay).

8. *How staff to be obtained.*—Some by promotion from within the existing cadres under the Agricultural Engineer and the rest by direct recruitment.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd. year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Capital	8,000	...	...	...	...	8,000
Recurring	10,636	10,060	10,408	10,660	11,032	52,796
Total ...	18,636	10,060	10,408	10,660	11,032	60,796

10. *To what extent is the scheme productive and/or cost recoverable.*—Not productive.

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.*—Gas welding plant ... ... One.
Dynamometer ... ... One.
(*b*) *locally.*—Moulding boxes ... ... Twelve.
Fire bricks ... ... 100.
Piping for air-passages ... ... 4″ diameter × 200′.
Office furniture.

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12. *Any other remarks or information.*—The machinery and material noted above can be taken over from the Disposals Department of the Government of India, at cheaper rates. The construction of the shed and cupola will be executed through local contractors within 4 months.

During 1947–48 the following problems will be undertaken :—

(*a*) The designing and trial of a new implement for doing the combined work of sowing seeds and covering them ;

(*b*) The testing of Bullock Cart Wheels suggested by the convenor, Bullock Cart Sub-Committee, Indian Roads Congress ;

(*c*) The designing and testing of a new rice threshing machine ;

(*d*) Improving the present design of the winnowing fan.

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SCHEME No. 39 (80).

1. *Department.*—Agricultural.

2. *Scheme.*—Mechanical Cultivation.

3. *Brief description of the scheme.*—The scheme provides for the establishment of a tractor fleet of 88 tractors with necessary equipment and staff, mobile maintenance units, central stores, workshop facilities for training of tractor drivers, etc., for undertaking (*a*) deep ploughing of lands infested with hariali and other deep rooted weeds, (*b*) seasonal ploughing in order to increase food crop production, (*c*) work in connection with land improvement, e.g., terrace construction, etc.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—(*a*) Revenue Department in regard to receipt of applications from cultivators for tractor ploughing on contract and for assistance in recoveries of dues; and (*b*) Co-operative Department in regard to possibility of organization of Co-operative Societies to facilitate concentration of tractor ploughing work in various areas.

6. *Upper staff for planning and/or execution of the scheme.*—

One Mechanical Cultivation Engineer.

One Assistant Mechanical Cultivation Engineer.

Twenty-four Foremen Supervisors (Rs. 200—10—300).

7. *Lower staff for planning and/or execution of the scheme.*—

Twenty-nine Tractor Mechanics (Rs. 130—10—200).

Twenty-three technical Store-Keepers (Rs. 90—5/2—115).

One hundred and ninety Tractor Drivers (Rs. 70—5—100).

Sixty-four Motor Drivers (Rs. 35—5/2—80).

Fifty-five Cleaners (Rs. 25 p. m. fixed).

Fifteen Tractor Grader Operators (Rs. 100—5/2—130).

One Fitter $\frac{\text{Workshop staff}}{\text{Charge hand}}$ (Rs. 150—10—250). ...

Fifteen Fitters (Rs. 120—10—200).

One Electrician Charge Hand (Rs. 130—10—250).

Two Electricians (Rs. 120—10—200).

Two Welders (Rs. 120-10—200).

One Turner (Rs. 120—10—200).

One Mechanist (Rs. 120—10—200).

One Copper-tin-smith (Rs. 90—10—150).

Two carpenters and Joiners (Rs. 90—10—150).

Two Blacksmiths (Rs. 90—10—150).

Three Hammermen (Rs. 50—5—80).

One Upholster (Rs. 90—10—150).

One Painter (Rs. 90—10—150).

One Storeman (Rs. 90—5/2—115).

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Four Cleaners (Rs. 25 p. m. fixed).
One Junior Clerk (Rs. 25—5/2—55).
Two Peons (Rs. 17 p. m. fixed).

Office and Clerical Staff :—

One Senior Accountant (Rs. 120—5—175).
One Steno-typist (Rs. 110—5—180).
Three Senior Clerks (Rs. 90—5/2—115).
Eight Junior Clerks (Rs. 25—5/2—55).

8. *How staff to be obtained.*—Except workshop staff, most of the technical staff has already been appointed by direct recruitment of ex-soldiers from technical units. The remaining staff will also be appointed similarly and by promotion of the existing staff and training, etc.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.—*

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Capital ...	7,34,000	11,20,000	11,20,000	2,00,000	2,00,000	33,74,000
Recurring ...	5,13,000	5,13,000	5,13,000	5,13,000	5,13,000	25,65,000
Total ...	12,47,000	16,33,000	16,33,000	7,13,000	7,13,000	59,39,000

10. *To what extent is the scheme productive and/or cost recoverable.*—The scheme will be largely self-supporting by charging cultivators fees for tillage operations commensurate with actual cost.

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.*—Crowler type and diesel tractors with implements, spares, accessories, workshop equipment, etc.

(*b*) *locally.*—Office furniture and Stores.

12. *Any other remarks or information.*—Nil.

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SCHEME No. 40.

1. *Department.*—Agricultural.

2. *Scheme.*—Rural Development Organisation.

3. *Brief description of the scheme.*—The scheme envisages the employment of 187 Agricultural Officers, 374 Agricultural Assistants and 748 Field Kamgars over a period of 5 years to do extension work relating to the Agricultural Department as well as rural development activities of other departments, e.g., Co-operative Department.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Co-operative.

6. *Upper staff for planning and/or execution of the scheme.*—One hundred and eighty-seven Agricultural Officers.

7. *Lower staff for planning and/or execution of the scheme.*—Three hundred and seventy-four Agricultural Assistants. 748 Field Kamgars.

8. *How staff to be obtained.*—From the existing cadres of the Agricultural Department and by direct recruitment.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Capital	18,700	500	500	500	500	20,700
Recurring	9,43,968	10,55,568	11,78,544	13,57,776	14,33,232	59,69,088
Total ...	9,62,668	10,56,068	11,79,044	13,58,276	14,33,732	59,89,788

10. *To what extent is the scheme productive and/or cost recoverable.*—The scheme is not directly productive.

11. *Nature of material, machinery, etc., needed from–*

(*a*) *abroad.*—Nil.

(*b*) *locally.*—Office furniture.

12. *Any other remarks or information.*—Nil.

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SCHEME No. 41.

1. *Department.*—Agricultural.

2. *Scheme.*—Development and extension of publicity and propaganda for rural development.

3. *Brief description of the scheme.*—The object of the scheme is to avoid overlapping and wastage and to secure effectiveness of publicity in regard to rural development by the co-ordination of all efforts by a single agency under the Agricultural Department. The publicity and propaganda would relate not only to Agricultural and Livestock improvement but to every other kind of improvement falling under the general head of rural uplift, including improvements in sanitation, education, etc. It will consist of—

(*i*) Publication of a monthly magazine in the regional languages, ultimately providing one copy free of cost to each village, and issue of leaflets of educative and informative nature, etc.;

(*ii*) Exhibition of silent and sound films (shorts) relating to various aspects of Rural Development Work—one van for each district;

(*iii*) Periodical lectures by experienced speakers who would tour the villages and deliver talks, specially on occasions of religious and seasonal festivities, fairs, etc.; Supply of radio sets ultimately to each village; and

(*iv*) The holding of special exhibitions, cattle shows, etc., from time to time.

The Programme of work will roughly be as under :—

Item of work.	1st year.	2nd year.	3rd year.	4th year.	5th year.
1. Distribution of monthly magazine to the villagers free of cost per annum ...	60,000	1,20,000	1,80,000	2,40,000	2,40,000
2. Sale of magazines	6,000	12,000	18,000	24,000	24,000
3. Fully equipped publicity vans ...	5	10	15	19	19
4. Radio sets	2,000	5,000	10,000	15,000	20,000

During the first year radio sets may be given to those villages where electricity is available. Thereafter the activities may be extended to the villages where battery sets are required.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Revenue, Education, Public Health, Industries, Co-operative and Publicity Departments.

6. & 7. *Staff for planning and/or execution of the scheme.*—

For item (i) :—

One Chief Editor in B.A.S. Class I.
Five sub-editors in B.A.S. Class II.
Ten graduates—two for each sub-editor in subordinate grade.
One steno-typist and three typists—one for each regional language.
One Accounts clerk.
Three clerks—one head clerk and two ordinary.
Fifteen Peons.

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For items (ii), (iii) and (iv).—

One Propaganda Officer in B.A.S. Class II.
One Agricultural graduate in secondary grade.
One typist.
Nineteen radio mechanics—one for each district.
Nineteen Van Drivers.
Nineteen Cleaners.
Five Peons.
Three Clerks.

8. *How staff to be obtained.*—By promotion within the existing staff of the Agricultural Department and by direct recruitment of specially qualified candidates through advertisement.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
I. *Capital*—						
(*i*) Furniture	7,000	...	...	...	...	7,000
(*ii*) Fully equipped Rural Development Vans at Rs. 50,000 each	2,50,000	2,50,000	2,50,000	2,00,000	...	9,50,000
(*iii*) Radio sets at Rs. 500 each ...	10,00,000	15,00,000	25,00,000	25,00,000	25,00,000	1,00,00,000
Total Capital	12,57,000	17,50,000	27,50,000	27,00,000	25,00,000	1,09,57,000
II. *Recurring*—						
(*i*) Cost of magazine ...	33,000	44,000	55,440	73,920	73,920	2,80,280
(*ii*) Pay of staff and allowances	97,368	1,19,688	1,43,208	1,60,860	1,64,428	6,85,552
(*iii*) Shows (Rs. 1,000 per annum per district) ...	20,000	20,000	20,000	20,000	20,000	1,00,000
(*iv*) Contingencies ...	25,000	25,000	50,000	50,000	50,000	2,00,000
Total Recurring ...	1,75,368	2,08,688	2,68,648	3,04,780	3,08,348	12,65,832
Grand Total	14,32,368	19,58,688	30,18,648	30,04,780	28,08,348	1,22,22,832
Receipts—						
Sale of magazines ...	3,000	6,000	9,000	12,000	12,000	42,000
Net cost ...	14,29,368	19,52,688	30,09,648	29,92,780	27,96,348	1,21,80,832

10. *To what extent is the scheme productive and/or cost recoverable.*—The scheme is unproductive except for the sale of magazines, which is negligible as compared with the cost of the whole scheme.

11. *Nature of material, machinery, etc., needed from*—

(*a*) *abroad.*—Radio sets, Motor vans, etc.

(*b*) *locally.*—Furniture, etc.

12. *Any other remarks or information.*—Nil.

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SCHEME No. 42.

1. *Department.*—Agricultural.

2. *Scheme.*—Setting up of five Agricultural Engineering Workshops.

3. *Brief description of the scheme.*—It is proposed to set up five workshops, one each in the districts of Kaira, Surat, Nasik, Ahmednagar and Belgaum, for the manufacture of and repairs to agricultural machines and implements. The above five districts are selected as more power plants are located in these districts.

4. *Areas selected for application.*—Kaira, Surat, Nasik, Ahmednagar and Belgaum districts.

5. *Other departments concerned.*—Nil.

6. *Upper staff for planning and/or execution of the scheme:—*

	1947-48.	1948-49.	1949-50.	1950-51.	1951-52.	Total.
(*a*) Workshop Superintendent (B.A.S. Class II)	2	2	1	...	...	5
(*b*) *Technical Staff*—						
(1) Workshop Foreman Rs. 130—10—250 ...	2	2	1	...	...	5
(2) Store-keeper Rs. 90—4—130	2	2	1	...	...	5
(3) Teacher foreman Rs. 130—10—250 ...	2	2	1	...	...	5

7. *Lower staff for planning and/or execution of the scheme.—*

	1947-48.	1948-49.	1949-50.	1950-51.	1951-52.	Total.
(*a*) *Technical staff*—						
(1) Turner Rs. 90—4—130 ...	2	2	1	...	...	5
(2) Assistant Turner Rs. 45—5/2—60—4—100 ...	2	2	1	...	...	5
(3) Senior mechanic Rs. 100—4—120—5—150 ...	4	4	2	...	...	10
(4) Junior Mechanic Rs. 35—5/2—60—4—100 ...	4	4	2	...	...	10
(5) Carpenter Rs. 45—5/2—60—4—100	2	2	1	...	...	5
(6) Blacksmith Rs. 60—4—100	2	2	1	...	...	5
(7) Welder Rs. 90—4—130 ...	2	2	1	...	...	5
(8) Moulder Rs. 60—4—100	2	2	1	...	...	5
(9) Engine Driver Rs. 35—5/2—75	2	2	1	...	...	5
(10) Mates for the above Rs. 30—5/2—50 ...	20	20	01	...	...	50
(*b*) *Clerical and other office staff*—						
(*i*) Senior Clerk Rs. 80—5/2—95	2	2	1	...	...	5
(*ii*) Junior Clerk Rs. 25—5/2—55—60—5/2—75 ...	2	2	1	...	...	5
(*iii*) Peons (Fixed Pay) ...	2	2	1	...	...	5

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8. *How staff to be obtained.*—By promotions within the existing cadres and by direct recruitment.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Capital	1,80,000	1,80,000	90,000	...	...	4,50,000
Recurring	70,000	1,42,000	1,81,000	1,86,000	1,92,000	7,71,000
Total ...	2,50,000	3,22,000	2,71,000	1,86,000	1,92,000	12,21,000

10. *To what extent is the scheme productive and/or cost recoverable.*—Each workshop will yield receipts of about Rs. 8,000 per year for labour and material supplied to the public.

11. *Nature of material, machinery, etc., needed from:*—

(*a*) *abroad.*—(*i*) 15 H. P. Diesel Engine—One.
(*ii*) Lathe 8½″ (Height of centres) × 8′–0″ long one.
(*iii*) Lathe 5″ (Height of centres) × 4′–6″ long one.
(*iv*) Shipping machine 18″ stroke—One.
(*v*) Brass couples of 1 cwt. capacity with a blower—One.
(*vi*) Diesel Driven Electric Welding Set—One.
(*vii*) High pressure gas welding set—One.
(*viii*) Pipe threading machine—One.
(*ix*) Three tons tracelling Crane—One.
(*x*) Vertical milling machine—One.
(*xi*) One ton pully block—One.
(*xii*) Three ton pully block—One.

(*b*) *locally.*—(*i*) Pillar Drilling machine—One.
(*ii*) Power hack saw machine—One.
(*iii*) Tool Grinder—One.
(*iv*) Smith's Hearth 3′ × 3′ with a blower—One.
(*v*) 2½″ diameter × 100′–0″ shafting with brackets bearing, etc.—One.
(*vi*) 2½″ Pipe Tripods—Three.
(*vii*) Office furniture.

12. *Any other remarks or information.*—Nil

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SCHEME No. 43.

Department.—Agricultural.

2. *Scheme.*—Continuance and expansion of the statistical Section.

3. *Brief description of the scheme.*—The work of the Section is classified under three main heads.

(I) Crop-cutting experiments.

(II) Design, statistical analysis and interpretations of agricultural experiments.

(III) Collection and compilation of agricultural statistics.

(I) *Crop-cutting experiments :*—It was recognised for a long time that the yield statistics of crops in Bombay Province were unsatisfactory and that the standard normal yield figures required revision. Crop-cutting experimental surveys have therefore been undertaken by the Agricultural Department with the co-operation of the Revenue Department on all important crops, with the objects of (*a*) estimating the average yield and total annual production of the Province in respect of each crop, (*b*) determining the district standard yields, in course of time, for each crop, (*c*) providing technical information on planning of future surveys and (*d*) training the field staff in random sampling methods of conducting crop-cutting experiments. The plan adopted for these surveys is the stratified plan of random sampling, with the talukas as strata, the village as primary unit of sampling, field as sub-unit of sampling and a plot of suitable size as the ultimate unit of sampling.

Experiments on the above lines were carried out in the Kharif season of 1946 on Paddy, Kharif Jowar, Bajri and Cotton on a Province-wide scale and on Ground nut, Maize, Kodra, Ragi and Tobacco in one district each. The experiments on wheat and Rabi Jowar on a Province-wide scale and on gram in one district have also been undertaken during the current rabi season.

The scheme aims at continuing the above experiments and further at undertaking experiments to determine separately standard yields for irrigated crops in canal zones of the Province.

(II) *Design, statistical analysis and interpretations of agricultural experiments.*—One of the very important activities of the Agricultural Department, which has considerably expanded during recent years, is to ascertain by experimentation the methods of economically increasing the yield of agricultural produce and improving its quality. To achieve this purpose, it is essential that the experiments should be well designed in accordance with the modern statistical methods so that the conclusions obtained are valid and may be applied with confidence in agricultural practice.

The staff mentioned under this head is meant for (*a*) the preparation of the layouts for new field experiments, statistical analysis and interpretation of results obtained thereform ; (*b*) statistical analysis of a large amount of data available from varietal, manurial, agronomic and horticultural experiments conducted on various Government Agricultural Farms over a number of years, so as to formulate future experiments and to make definite recommendations for the improvement of plant husbandry (*c*) the compilation of the Annual Experimental Records of the Department of Agriculture for the year 1940-41 and onwards ; and (*d*) statistical analysis of rainfall data and research into the effects of rainfall on the yield of agricultural crops.

The work under (*a*) to (*c*) has been undertaken and is in progress.

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Collection and compilation of agricultural statistics.—The work under this head consists of the collection and compilation of useful agricultural statstics, such as daily and monthly rainfall returns, for fortnightly and monthly returns of retail and wholesale prices of agricultural commodities, weekly pressing and monthly ginning returns of cotton, the preparation of forecasts crops, and annual season and crop report. This work is attended to by the permanent staff of the old Statistical Branch which now forms part of the Statistical Section. The work under this head has considerably increased recently on account of preparation of additional forecasts, kharif and rabi estimates of all crops required but the Supply Department, and compilation of annual cattle census, etc. To cope with this increased work, an additional post of Assistant Superintendent is proposed under the scheme.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Revenue Department for items (I) and (III).

6. *Upper staff for planning and/or execution of the scheme.*—
   1. Statistical Survey Officers B. A. S. Class II.
   4. Senior Statistical Assistants.
   1 Senior Superintendent.

7. *Lower staff for planning and/or execution of the scheme.*—
   Eleven Junior Statistical Assistants.
   Two Assistant Superintendents.
   One Senior Accountant.
   One Junior Accountant.
   Two Senior clerks.
   One Stenographer.
   One Senior Typist.
   Nine Junior clerks.

8. *How staff to be obtained.*—With the exception of one Senior Statistical Assistant, four Junior Statistical Assistants, one Assistant Superintendent, one Junior clerk and one peon, all other staff has already been appointed. It is proposed to appoint the new staff by direct recruitment.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Capital	24,500	1,000	1,000	1,000	...	27,500
Recurring ...	89,630	92,732	94,812	96,847	98,829	4,72,850
Total ...	1,14,130	93,732	95,812	97,847	98,829	5,00,350

10. *To what extent is the scheme productive and/or cost recoverable.*—

11. *Nature of materail, machinery, etc., needed from.*—
   (*a*) *abroad*—Calculating machines.
   (*b*) *locally*—Cross-staffs, measuring tapes, weighing scales and weights, etc.

12. *Any other remarks or information.*—*Nil.*

NATIONAL ARCHIVES OF INDIA

SCHEME No. 44.

1. *Department.*—Agricultural.

2. *Scheme.*—Mixed Farming.

3. *Brief description of the scheme.*—It is intended to carry out investigations into the economic and agricultural advantages of the introduction of mixed farming, i.e., a combination of crop and animal husbandry, in suitable zones of the Province, and to demonstrate these advantages to the cultivators on their own holdings. Accordingly, it is proposed to select 10 "Zones" in the Province and to establish 20 Mixed Farming Demonstration Centres in each Zone, each centre being situated on the holding of a cultivator and each holding being typically representative of the average size of farm, system of agriculture, etc., prevalent within the zone. On each holding, 2 to 5 milch cattle will be kept and Government will provide (*a*) half the cost of these cattle, (*b*) annual subsidy in the form of concentrates, e.g., groundnut cake, cotton seed, etc., to the value of Rs. 50 in the first year and Rs. 30 in the next two years, (*c*) expert staff on zonal basis to assist and supervise the scheme, to advise the cultivators and to keep accurate record of the expenditure and receipts of the holding, and (*d*) interest-free tagai loans to cultivators to meet the other half of the cost of cattle.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Revenue Department in connection with grant of tagai loans.

6. *Upper staff for planning and/or execution of the scheme.*—One officer in charge (Rs. 180—10—270).

7. *Lower staff for planning and/or execution of the scheme.*—

Ten Agricultural Assistants (Rs. 35—5/2—60—4—100).
Twenty Kamgars (Rs. 30—35—5/2—60).
One Clerk (Rs. 25—5/2—55).
One Peon.

8. *How staff to be obtained.*—Partly by promotion from the existing staff of the Department and partly by direct recruitment.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
Capital—	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(1) Cattle	1,32,000	...	...	...	...	1,32,000
(2) Tagai	1,20,000	...	...	...	...	1,20,000
Recurring	65,044	65,044	65,044	65,044	65,044	3,25,220
Total ...	3,17,044	65,044	65,044	65,044	65,044	5,77,220
Amount recoverable ...	1,20,000	...	...	...	...	1,20,000
Net cost	1,97,044	65,044	65,044	65,044	65,044	4,57,220

10. *To what extent is the scheme productive and/or cost recoverable.*—Not directly productive. The amount of tagai loans is fully recoverable.

11. *Nature of material, machinery, etc., needed.*—Nil.

12. *Any other remarks or information.*—Nil.

NATIONAL ARCHIVES OF INDIA

VETERINARY.

(SCHEMES 45 to 52.)

The Cabinet's allocation for this sub-head of development over five years is Rs. 60 lakhs. The total cost of the schemes over five years comes to Rs. 53,81,740. This does not include cost on account of temporary additional pay and various allowances to the staff which are not finally fixed. The difference of Rs. 6,18,260 is intended to cover expenditure on these items under the various schemes.

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SCHEME No. 45 (8).

1. *Department.*—Civil Veterinary.

2. *Scheme.*—Expansion of the Bombay Veterinary College.

3. *Brief description of the scheme.*—It is proposed to expand the College by the admission of 60 additional students every year in order to get the required number of Veterinary Graduates for employment in the districts to meet the modern requirements in veterinary service and the demands of agriculturists and Dairy men. The teaching staff at the Bombay Veterinary College is to be fixed according to the recommendations of the Animal Husbandry Wing of the Board of Agriculture in India, and in conformity with the requirements of the University of Bombay to which the College is now affiliated. In order to provide all facilities some additions to the present College buildings will be made.

It is also proposed to have a Dairy Farm at the College for about 2 dozen animals and a Poultry Farm for about 100 birds for imparting training to students, more land being acquired for the purpose if found necessary.

4. *Areas selected for application.*—Bombay.

5. *Other departments concerned.*—Public Works Department.

6. *Upper staff for planning and/or execution of the scheme.*—

Five Officers in Class I of the Bombay Veterinary Service—Rs. 300—20—420—E.B.—30—660—E.B.—40—900.

Four Officers in Class II of the Bombay Veterinary Service—Rs. 220—10—250—15—400—20—500.

7. *Lower staff for planning and/or execution of the scheme.*—

Five Lecturers and Demonstrator—Rs. 150—5—200 (Bombay Scale).

One Librarian—Rs. 100—5—150.

One Accountant—Rs. 95—5—125 *plus* Bombay Local Allowance.

One Storekeeper—Rs. 60—5/2—75 *plus* Bombay Local Allowance.

Two Clerks (one in scale of Rs. 25—5/2—55 and one in the scale of Rs. 60—5/2—75).

Five Laboratory Assistants—Rs. 50—5/2—90 (Bombay Scale).

Five Laboratory Attendants on Rs. 25 p. m. each.

Three Peons on Rs. 23 p. m. each.

Five Hamals on Rs. 23 p. m. each.

Three Gawalis on Rs. 23 p. m. each.

One Head Dairy man on Rs. 30 p. m.

Two Poultry men on Rs. 23 p. m. each.

One Watchman on Rs. 23 p. m.

8. *How staff to be obtained.*—By direct recruitment so far as available and by promotion.

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9. *Rough estimates of cost at existing rates for each year of the Five-Year Plan.—*

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ...	28,000	2,72,000	.....	.....	.....	3,00,000
(*b*) *Recurring* ...	13,382	62,994	65,419	67,994	70,359	2,80,148
Total ...	41,382	3,34,994	65,419	67,994	70,359	5,80,148

10. *To what extent is the scheme productive and/or cost recoverable.*—Not productive.

11. *Nature of material, machinery, etc., needed from.—*

(*a*) *abroad.*—Laboratory equipment, X-Ray apparatus, etc.

(*b*) *locally.*—Furniture, equipment, etc.

12. *Any other remarks or information.*—This is a Special Priority Scheme and Government has sanctioned the following concessions to new students for a further period of 3 years from 1947–48 :—

(*i*) Exemption from payment of college and examination fees.

(*ii*) Offer of 50 scholarships at a flat rate of Rs. 40 per mensem to each student.

(*iii*) Supply of text books and any equipment required by the students at half cost.

The scale of pay for Veterinary Assistant Surgeons has also been revised with effect from 1st April 1944. The revised scale is Rs. 80—5—110—E.B.—5—160, with a selection grade of Rs. 170—10—200 for 10 per cent. of the total number of posts. The Veterinary Assistant Surgeons who have passed with the New Curriculum will start on Rs. 100 per mensem after completing one year's probationary period. During the probationary period they will be given Rs. 100 per mensem.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 46 (8-A).

1. *Department.*—Civil Veterinary.

2. *Scheme.*—Training of stockmen (Veterinary).

3. *Brief description of the scheme.*—Owing to the shortage of Veterinary Graduates it has become impossible to open new Veterinary Dispensaries and difficulties are also experienced in connection with the immunisation of cattle against contagious diseases, castration of scrub bulls and maintenance of a Reserve Force for checking epizootics. As an emergency measure it has become necessary to place small Veterinary Dispensaries in charge of trained and experienced stockmen for some time till Veterinary Graduates become available in sufficient numbers.

A 12-month course for training Stockmen was started at the Bombay Veterinary College on 19th March 1946 with 54 ex-soldiers. The trainees are provided with free accommodation and paid a stipend of Rs. 45 p. m. inclusive of messing charges, the extra expenditure on non-vegetarian messing being borne by Government. It is now proposed to extend training under the scheme to civilians as well and the next course will be started as soon as the construction of necessary buildings is completed.

4. *Areas selected for application.*—Bombay Province.

5. *Other departments concerned.*—None.

6. *Upper staff for planning and/or execution of the scheme.*—

1 Experienced Divisional Veterinary Officer in the scale of Rs. 220—10—250—15—400—20—500.

7. *Lower staff for planning and/or execution of the scheme.*—

One Lecturer—Rs. 125—5—175.
One Clerk Rs. 50—5/2—90—E.B.—5—140.
One Peon on Rs. 23 p. m.
Two Watchmen on Rs. 23 p. m. each.
One Hamal on Rs. 23 p. m.
One Sweeper on Rs. 23 p. m.

8. *How staff to be obtained.*—The necessary staff has already been employed.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ...	.....	5,000	.....	.....	.....	5,000
(*b*) *Recurring* ...	44,250	28,800	29,040	29,220	29,520	1,60,830
Total ...	44,250	33,800	29,040	29,220	29,520	1,65,830

10. *To what extent is the scheme productive and/or cost recoverable.*—Not productive.

11. *Nature of material, machinery, etc, needed from*—

(*a*) *abroad.*—Nil.
(*b*) *locally.*—Nil.

12. *Any other remarks or information.*—Nil.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 47 (28).

1. *Department.*—Civil Veterinary.

2. *Scheme.*—Assumption of full control of Veterinary Dispensaries by Government from Local Bodies.

3. *Brief description of the scheme.*—At present District Local Boards and Municipalities maintain Veterinary Dispensaries with financial assistance from Government by way of grants-in-aid and the free services of Veterinary Assistant Surgeons. The maintenance of Veterinary Dispensaries is not however an obligatory function of Local Bodies, and as such expansion depends on their will, financial position and other local factors. At present the Veterinary Assistant Surgeon is a Government servant while the staff under him belongs to Local Bodies. The Veterinary Assistant Surgeon has therefore no control over his staff and owing to such dual control the work of the dispensary suffers. It is therefore proposed to assume full control of all veterinary dispensaries now controlled by Local Bodies, though it will not be possible to take over immediately all the existing dispensaries. The assumption of control will be gradually effected as follows :—

Firstly.—Local Bodies which cannot afford to open more Veterinary Dispensaries owing to their poor financial position (e.g., Kanara, Ratnagiri, Kolaba, Thana and Panch Mahals districts) inspite of their strong desire to have more Veterinary Dispensaries opened ;

Secondly.—Dispensaries which are not properly maintained by the Local Bodies ;

Thirdly.—Dispensaries which the Local Bodies are willing to hand over together with the buildings or equipment free ;

Fourthly.—Dispensaries which the Local Bodies are willing to hand over together with the buildings or equipment etc., on certain conditions ; and

Finally.—The remaining Veterinary Dispensaries.

To make a beginning Government have assumed full control of ten such Veterinary Dispensaries (four in Kanara, four in Thana and two in Surat districts) from 1st April 1946 and orders have been issued for taking over 20 more dispensaries during 1947–48.

4. *Areas selected for application.*—Bombay Province.

5. *Other departments concerned.*—Public Works Department.

6. *Upper staff for planning and/or execution of the scheme.*—Nil.

7. *Lower staff for planning and/or execution of the scheme.*—Nil.

8. *How staff to be obtained.*—Does not arise.

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9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.—*

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ...	30,000	30,000	30,000	30,000	30,000	1,50,000
(*b*) *Recurring* ...	25,000	62,500	1,00,000	1,37,500	1,75,000	5,00,000
Total ...	55,000	92,500	1,30,000	1,67,500	2,05,000	6,50,000

10. *To what extent is the scheme productive and/or cost recoverable.*—Not productive.

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.*—Nil.

(*b*) *locally.*—Medicines and Instruments.

12. *Any other remarks or information.*—Nil.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 48 (29).

1. *Department.*—Civil Veterinary.

2. *Scheme.*—Expansion of the Supervising staff.

3. *Brief description of the scheme.*—With the increase in the number of Veterinary Dispensaries, as also that of Veterinary Assistant Surgeons and subordinate staff, due to assumption of full control of veterinary dispensaries by Government from Local Bodies; new schemes such as Immunization, Poultry Farming, supervising the Animal Husbandry aspects of the increasing activities of the Agricultural Department, such as opening of cattle Breeding Farms, Poultry Breeding Farms, Dairies, Dry Stock Farms, etc., it will not be possible for the existing supervising staff (which consists of the Director, Assistant Director of Veterinary Services (temporary) and five Divisional Veterinary Officers) to control and supervise the various schemes and the staff employed on them. The Royal Commission on Agriculture in India has suggested in its 1928 Report that under the Director of Veterinary Services there should be Deputy Directors of Veterinary Services in charge of circles, and Class I officers of the Provincial Service, and under them there should be Class II officers in charge of each district. Accordingly four Class I officers will be required for being placed in charge of Circles or Ranges and 20 Class II officers in charge of districts. It is however proposed to appoint immediately two Class I officers (with the necessary office staff) in charge of two Ranges, viz., Northern and Southern and five additional Divisional Veterinary Officers in Class II making the total number ten in the first year of the Five-Year period. The additional posts will be created in the remaining years as required. At the end of the first Five-Year period, there would be three Class I officers in charge of Circles and 14 Class II Divisional Veterinary Officers in charge of districts, one Class II post being created in each of the 2nd, 3rd, 4th and 5th year, as about 25 Veterinary Dispensaries will be opened in each of these years, and one post in Class I being created in the 4th year. The remaining one post in Class I and six posts in Class II will be created in the second Five-Year period.

4. *Areas selected for application.*—Bombay Province.

5. *Other departments concerned.*—None.

6. *Upper staff for planning and/or execution of the scheme.*—

Three Officers in Class I of the Bombay Veterinary Service—Rs. 300—20—420—E.B.—30—660—E.B.—40—900.

Nine Officers in Class II of the Bombay Veterinary service—Rs. 220—10—250—15—400—20—500.

One Gazetted Personal Assistant (Non-professional) to the Director of Veterinary services—Rs. 300—20—400.

7. *Lower staff for planning and/or execution of the scheme.*—

Three Head Clerks—Rs. 100—5—140.

Three Accountants—Rs. 100—5—140.

Three Clerks—Rs. 80—5/2—95.

Three Clerks—Rs. 60—5/2—75.

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Twelve Clerks—Rs. 25—5/2—55.

Eight Clerks for Divisional Veterinary Officers—Rs. 25—5/2—55.

Fifteen Peons on Rs. 14 p. m. each for the three Class I officers.

Twenty-seven Peons on Rs. 14 p. m. each for the nine additional Divisional Veterinary Officers.

8. *How staff to be obtained.*—By direct recruitment and promotion for Class I and II posts. Clerical staff by promotion and recruitment.

9. *Rough estimates of cost at existing rates for each year of the Frist Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ...	7,000	800	800	2,300	800	11,700
(*b*) *Recurring*	15,285	66,894	75,018	97,662	1,07,061	3,61,920
Total ...	22,285	67,694	75,818	99,962	1,07,861	3,73,620

10. *To what extent is the scheme productive and/or cost recoverable.*—Not productive; cost not recoverable.

11. *Nature of material, machinery, etc., needed from*—

(*a*) *abroad.*—Nil.

(*b*) *locally.*—Nil.

12. *Any other remarks or information.*—Nil.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 49 (30).

1. *Department.*—Civil Veterinary.

2. *Scheme.*—Expansion of the Investigation staff, and Establishment of Animal Husbandry Research Station.

3. *Brief description of he scheme.*—This scheme is the outcome of a proposal by the Imperial Council of Agricultural Research to create in each Province an Animal Welfare or Livestock Research Station, where all problems concerning the welfare of livestock should receive consideration. At present the Investigation staff consists of a Disease Investigation Officer, an Assistant Disease Investigation Officer for Poultry and an Assistant Disease Investigation Officer for Sheep and Goats. The schemes under which they are working are subsidised by the Imperial Council of Agricultural Research. The staff (superior) proposed in the first instance is a Research Officer for diseases, a Nutrition Officer, a Geneticist, one Assistant Disease Invesitgation Officer for cattle diseases and a Farm Manager. The existing Disease Investigation staff will be transferred to this station and other staff will be added as required. The first three will be class I Officers and the remaining two Class II Officers. This staff will be working at the proposed Animal Husbandry Research Station which will also serve for the training of students in Animal Husbandry.

4. *Areas selected for application.*—Bombay Province.

5. *Other departments concerned.*—Public Works Department.

6. *Upper staff for planning and/or execution of the scheme.*—

Three Class I Officers on Rs. 300—20—420—E.B.—30—660—E.B.—40—900.

Two Class II Officers on Rs. 220—10—250—15—400—20—500.

7. *Lower staff for planning and/or execution of the scheme.*—

Three Veterinary Assistant Surgeons to assist in Laboratory work on Rs. 100 per mensem each in the scale of Rs. 80—5—110—E.B.—5—160.

Five Clerks :—One in the scale of Rs. 80—5/2—95.

One in the scale of Rs. 60—5/2—75.

Three on Rs. 30 p. m. each in the scale of Rs. 25—5/2—55.

Six Peons on Rs. 17 p. m. each.

Three Laboratory Attendants on Rs. 25 p. m. each.

Six Gawalis on Rs. 17 p. m. each.

Two Shepherds on Rs. 17 p. m. each.

Four Poultry Attendants on Rs. 17 p. m. each.

One Mechanic on Rs. 40—2—50.

Five Overseers on Rs. 30—5/2—55 each.

Twenty-five Farm Labourers on Rs. 17 p. m. each.

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8. *How staff to be obtained.*—Class I Officers by direct recruitment or by promotion as available.

Class II Officers by promotion.

Other staff by direct recruitment as available.

9. *Rough estimates of cost at existing rates for each year of the First Five Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ...	.....	3,06,000	55,000	.....	.....	3,61,000
(*b*) *Recurring* ...	.....	.....	25,185	59,945	60,469	1,45,599
Total ...	.....	3,06,000	80,185	59,945	60,469	5,06,599

10. *To what extent is the scheme productive and/or cost recoverable.*—Not productive. Cost not recoverable.

11. *Nature of material, machinery, etc., needed from*—

(*a*) *abroad.*—Apparatus and equipment.

(*b*) *locally.*—Apparatus and equipment.

12. *Any other remarks or information.*—One of the three posts in Class I may replace the existing post of Disease Investigation Officer in the scale of Rs. 350—25—600.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 50 (31).

1. *Department.*—Civil Veterinary.

2. *Scheme.*—Manufacture of Sera and Vaccines.

3. *Brief description of the scheme.*—At present sera and vaccines are obtained from the Imperial Veterinary Research Institute, Izatnagar, Bangalore and Madras. It is proved by experience that the required quantity of sera and vaccines is not always available in time due to several reasons, and due to this dependence on ouside sources outbreaks of cattle diseases cannot be properly checked at times. It is therefore proposed to manufacture sera and vaccines in this Province. The Class I Officer who will be in charge of this scheme will be sent to Mukteshwar for training in the manufacture of various sera and vaccines for about 12 months and his assistants, viz., one Class II Officer and 5 Veterinary Assistant Surgeons, for 3 months only. This scheme is essential and urgent.

4. *Areas selected for application.*—Bombay Province.

5. *Other departments concerned.*—Public Works Department.

6. *Upper staff for planning and/or execution of the scheme.*—

One Class I officer on Rs. 300—20—420—E.B.—30—660—E.B.—40—900.

One Class II officer on Rs. 220—10—250—15—400—20—500.

7. *Lower staff for planning and/or execution of the scheme.*—

Five Veterinary Assistant Surgeons on Rs. 100 p. m. in the scale of Rs. 80—5—110—E.B.—5—160.

Three Clerks in the scales of Rs. 80—5/2—95, 60—5/2—75 and 25—5/2—55 respectively.

Two Laboratory Assistants in the scale of Rs. 50—5/2—90.
Five Laboratory Attendants on Rs. 25 p. m. each.
Five Hamals on Rs. 17 p. m. each.
One Watchman on Rs. 17 p. m.
Four Herdsmen on Rs. 17 p. m. each.

8. *How staff to be obtained.*—By direct recruitment, by promotion and by training.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(a) *Capital* ...	.....	5,00,000	.....	.....	.....	5,00,000
(b) *Recurring* ...	1,100	48,939	61,279	61,075	61,960	2,34,353
Total ...	1,100	5,48,939	61,279	61,075	61,960	7,34,353

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10. *To what extent is the scheme productive and/or cost recoverable.*—Not productive and cost not recoverable.

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.*—Apparatus and equipment.

(*b*) *locally.*—Apparatus and equipment.

12. *Any other remarks or information.*—Nil.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 51 (85).

1. *Department.*—Civil Veterinary.

2. *Scheme.*—Opening of new Veterinary Dispensaries.

3. *Brief description of the scheme.*—The cattle (Horned) population of the Bombay Province is about one crore. The Royal Commission on Agriculture in India estimated that if contagious diseases of cattle are to be properly controlled, there should be one Veterinary Assistant Surgeon for every 25,000 head of cattle. At this rate there should be about 400 Veterinary Dispensaries for this Province, and some more Veterinary Assistant Sugeons for looking after various animal breeding schemes, dairies etc., of the Agricultural Department. Such a huge expansion of the Veterinary Department is not yet possible for several reasons. However, to begin with, it is proposed to provide one Veterinary Dispensary for each taluka and peta where there is none and some Veterinary Assistant Surgeonsd for supervising the various Animal Breeding Schemes, Dairies, etc., and then to open one Veterinary Dispensary for every 25,000 head of cattle. At present there are 51 talukas and petas not yet provided with a Veterinary Dispensary. Accordingly 51 Veterinary Dispensaries will be opened as early as possible and afterwards more Dispensaries will be opened, i.e., 13 in the 4th year and 20 in the 5th year of the first five-year period.

4. *Areas selected for application.*—Bombay Province.

5. *Other departments concerned.*—Public Works Department.

6. *Upper staff for planning and/or execution of the scheme.*—*See* scheme No. 48.

7. *Lower staff for planning and/or execution of the scheme.*—

86 Veterinary Assistant Surgeons on Rs. 100 in the scale of Rs. 80—5—110—E.B.—5—160.

51 Compounders in the scale of Rs. 25—1—35.

86 Dressers in the scale of Rs. 18—1—25.

137 Attendants on Rs. 14 p.m. each.

86 Part-time water bearers or sweepers up to Rs. 7 p.m. each.

8. *How staff to be obtained.*—By recruitment from graduates of the Bombay Veterinary College and from Veterinarians released from the Army.

Compounders.—By direct recruitment and promotions from Dressers, if suitable.

Dressers and Attendants.—Both by recruitment locally and from amongst the demobilised soldiers.

Part-time waterbearers or sweepers.—By recruitment locally.

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9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.—*

	1st Year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ..	9,850	3,34,100	3,34,600	3,32,825	3,31,775	13,43,150
(*b*) *Recurring* ..	11,796	1,06,935	1,87,874	2,60,392	3,29,118	8,96,115
Total ..	21,646	4,41,035	5,22,474	5,93,217	6,60,893	22,39,265

10. *To what extent is the scheme productive and/or cost recoverable.*—Not productive.

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.*—Nil.

(*b*) *locally.*—Medicines, Instruments, etc.

12. *Any other remarks or information.*—Nil.

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SCHEME No. 52 (87).

1. *Department.*—Civil Veterinary.

2. *Scheme.*—Extension of dipping operations.

3. *Brief description of the scheme.*—Tick infestation is an ever present menace to cattle improvement as it causes immense suffering to livestock and enormous economic loss to cattle owners in large tracts of the Province and especially the Western region. It also causes damage to the hides. Regular dipping has effected considerable improvement in the dipping stock and it is proposed to extend the work by the provision of more tanks and spraying plants in the very heavily infested area of the Konkan districts and the Mawal areas of Nasik, Poona, Satara, Belgaum and Dharwar districts. It is proposed, therefore, that 3 cattle dipping tanks and 2 spraying plants be provided each year in the first five-year period.

4. *Areas selected for application.*—Maval areas and Konkan districts.

5. *Other departments concerned.*—Public Works Department.

6. *Upper staff for planning and/or execution of the scheme.*—Nil.

7. *Lower staff for planning and/or execution of the scheme.*—Veterinary Assistant Surgeons attached to the nearest Veterinary Dispensaries will be placed in charge of these tanks and will be given a special pay of Rs. 10 p.m. for each tank. Veterinary Assistant Surgeons or stockmen will be required for the moving spraying plants.

10 Stockmen for spraying plants on Rs. 35—5/2—60—4—100.

25 attendants for dipping tanks on Rs. 10 p.m. and for spraying plants on Rs. 10 p.m. each.

8. *How staff to be obtained.*—By recruitment.

9. *Rough estimates of cost at existing rates for each year of First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ..	3,400	30,600	17,000	17,000	17,000	85,000
(*b*) *Recurring* ..	445	6,805	9,825	13,265	16,585	46,925
Total ..	3,845	37,405	26,825	30,265	33,585	1,31,925

10. *To what extent is the scheme productive and/or cost recoverable.*—Not productive.

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.*—Dipping Solution, etc.

(*b*) *locally.*—Medicines, etc.

12. *Any other remarks or information.*—As an experimental measure the installation of a steel dipping tank has been sanctioned at Sirur and its working will decide whether steel or concrete tanks are more useful.

NATIONAL ARCHIVES OF INDIA

FORESTS.

(SCHEMES 53 TO 60).

The Cabinet's allocation for the sub-head of development "Forests" is Rs. 89,30,000 over five years. The cost of the Forest Department schemes comes to Rs. 88,59,190, which is within the Cabinet's allocation.

NATIONAL ARCHIVES OF INDIA

NATIONAL ARCHIVES OF INDIA

SCHEME No. 53 (8-B).

1. *Department.*—Forest.

2. *Scheme.*—Deputation of students and officers for training abroad for technical education.

3. *Brief description of the scheme.*—(1) *Training of students in Forestry at the University of Edinburgh* : It was decided to send two students annually to the Edinburgh University with a view to their qualifying for direct appointment to class II of the Bombay Forest Service. The course is for two years and the selected candidate must possess the 2nd class B.Sc. (Honours) degree in two subjects out of the following, viz., Chemistry, Physics, Botany and Zoology. The annual cost of training of each student is estimated at Rs. 5,750. The cost is to be borne by the Provincial and the Central Governments on 50 : 50 basis.

(2) *Advanced training in European Forestry at the Imperial Forestry Institute, Oxford* : Training of the Indian Officers of the Indian Forest Service and of the officers of Provincial Superior Forest Services trained at the Forest College, Dehra Dun. One officer of Bombay Forest Service who has undergone training at the Indian Forest College, Dehra Dun, is to be sent to Oxford for advanced training in European Forestry every alternate year. One officer has been deputed for the course commencing from January 1946. The course at Oxford is for about 10 months and the total cost involved in the training is estimated at Rs. 13,000. The charge is wholly Provincial.

(3) *Training of an officer of the Bombay Forest Service in Saw Mill Engineering in Canada.*—It was a special scheme. Mr. T. K. Mirchandani, B.F.S., was deputed to British Columbia and U. S. A. for training in Saw Mill Engineering for one year. The estimated cost was Rs. 20,000. The charge is wholly Provincial.

12. *Any other remarks or information.*—Government has since decided that no student should be sent to Edinburgh and that no forest officer should be deputed to Oxford for training in forestry. The total cost is thus Rs. 38,750.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 54 (53).

1. *Department.*—Forest.

2. *Scheme.*—Forest Rehabilitation.

3. *Brief description of the scheme.*—The scheme provides for one extra Working Plan party, making 3 full strength parties for each circle, under the control of the Conservator of Forests, Working Plans Circle. Parties are to enumerate and revise plans on a yield basis to compensate for excess timber taken out for war supply; also, if present fuel shortage continues, to plan for increased fuel yields from forests not exploited or only partly so.

4. *Areas selected for application.*—All Southern Circle, Panch Mahals, West Khandesh and probably also the 3 Thana divisions.

5. *Other departments concerned.*—Nil.

6. *Upper staff for planning and/or execution of the scheme.*—Staff for preparation of the Working Plans.

Gazetted Staff.

1 *Conservator of Forests, Working Plans Circle, on the same time-scale of pay as in the Indian Forest Service *plus* P. T. A. of Rs. 190 p.m.

1 Divisional Forest Officer, Working Plans, Northern Circle, in the scale of Rs. 300—20—420—E.B.—30—660—E.B.—40—900 *plus* P. T. A. of Rs. 160 p.m.

1 Assistant each for the Divisional Forest Officers, Working Plans, Northern and Central Circles, in the scale of Rs. 235—15—400—20—500 *plus* P. T. A. of Rs. 75 p.m. each.

4 Assistants for the Divisional Forest Officer, Working Plans, Southern Circle, on Rs. 235—15—400—20—500 *plus* P. T. A. of Rs. 75 p.m. each.

The execution of the plans will be carried out by the existing staff.

7. *Lower staff for planning and/or execution of the scheme.*—

Clerical Establishment.

Office of the Conservator of Forests, Working Plans Circle.

1 Head clerk—Rs. 95—5—125—E.B.—135—5—160,

*1 Accountant—Rs. 85—5/2—100 (old entrant) and Rs. 80—5/2—95 (new entrant).

1 Clerk—Rs. 60—5/2—75.

*2 clerks—Rs. 25—5/2—55 each.

*1 Ranger Surveyor—Rs. 80—5—125—E.B.—5—150 *plus* P. T. A. of Rs. 30 p.m.

1 Surveyor—Rs. 25—5/2—55 *plus* P. T. A. of Rs. 5 p.m.

*2 peons—Rs. 18 p.m. each.

3 peons—Rs. 17 p.m. each.

NATIONAL ARCHIVES OF INDIA

Office of the Divisional Forest Officer, Working Plans, Northern Circle.

1 Accountant—Rs. 85—5/2—100 (old entrant) and Rs. 80—5/2—95 (new entrant).

3 Clerks in the grade of Rs. 25—5/2—55.

2 Rangers in the grade of Rs. 80—5—125—E.B.—5—150 *plus* P. T. A. of Rs. 20 p.m. each.

1 Ranger Surveyor in the grade of Rs. 80—5—125—E.B.—5—150 *plus* P. T. A. of Rs. 30 p.m.

1 Forest Surveyor on Rs. 60—5/2—75 *plus* P. T. A. of Rs. 15 p.m.

3 Forest Surveyors in the grade of Rs. 25—5/2—55 *plus* P. T. A. of Rs. 15 p.m. each.

1 Peon on Rs. 15 p.m.

5 Peons on Rs. 14 p.m. each.

Office of the Divisional Forest Officer, Working Plans, Central Circle.

2 Rangers in the grade of Rs. 80—5—125—E.B.—5—150 *plus* P. T. A. of Rs. 30 p.m. each.

1 Forest Surveyor in the grade of Rs. 60—5/2—75 *plus* P. T. A. of Rs. 15 p.m.

2 Forest Surveyors in the grade of Rs. 25—5/2—55 *plus* P. T. A. of Rs. 15 p.m. each.

3 Clerks in the grade of Rs. 25—5/2—55.

2 Peons on Rs. 17 p.m. each.

Office of the Divisional Forest Officer, Working Plans, Southern Circle.

2 Clerks in the grade of Rs. 25—5/2—55.

8 Peons on Rs. 14 p.m. each.

The gazetted and subordinate staff, with the exception of posts of Conservator of Forests, Working Plans and his office staff marked with asterisk, has already been appointed and put under the Conservator of Forests, Planning, for doing the preliminary work. The posts of Conservator of Forests, Working Plans, and his office staff will be filled in after the Conservator of Forests, Planning, has submitted his recommendations as regards the principles on which future working plans should be prepared so as to meet adequately the commercial and other demands on the forests.

8. *How staff to be obtained.*—From extra appointments made for war supply work available as soon as war supply work is over or curtailed: but it will be necessary to make further recruitment to fill up vacancies in Bombay Forests Service, Class II, caused by retirement during the next 5 years, by (*a*) promotion of selected Rangers and (*b*) by direct recruitment for training at Dehra Dun.

NATIONAL ARCHIVES OF INDIA

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.—*

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ..	..	..	..	..	..	..
(*b*) *Recurring* ..	1,00,000	1,00,000	1,00,000	1,00,000	1,00,000	5,00,000

10. *To what extent is the scheme productive and/or cost recoverable.*—Not directly productive.

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.*—Nil.

(*b*) *to ally.*—Nil.

12. *Any other remarks or information.*—An additional temporary Working Plans Division called Kanara Working Plans Division, under a B. F. S. Class I officer in the grade of Rs. 300—20—420—E.B.—30—660—E.B.—40—900, has been sanctioned for a period of one year in the first instance from 1st November 1946.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 55 (59).

1. *Department.*—Forest.

2. *Scheme.*—Communications.

3. *Brief description of the scheme.*—The scheme envisages construction of new and urgently required forest roads and special repairs to existing roads damaged due to excessive traffic in war years.

4. *Areas selected for application.*—Mainly Southern Circle, Thana and Nasik districts.

5. *Other departments concerned.*—Public Works Department.

6. *Upper staff for planning and/or execution of the scheme.*—The present staff can cope with the work. The work of planning the Ozar-Saiwan Road (Estimated cost Rs. 2,59,467) is to be done by the Forest Department and the question as to whether the work should be entrusted to the Public Works Department for execution is to be decided at the time of its actual construction. In case it is decided that Forest Department should execute this work, a Gazetted Assistant on Rs. 400 per mensem will be required by the Forest Engineer.

7. *Lower staff for planning and/or execution of the scheme.*—

8. *How staff to be obtained.*—*Vide* remarks against 6 above. The Gazetted Assistant, if required, will have to be recruited through the Public Service Commission from amongst graduates in Civil Engineering.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ..	1,40,000	1,40,000	1,40,000	1,40,000	1,40,000	7,00,000
(*b*) *Recurring* ..	..	..	..	..	..	..
Total ..	1,40,000	1,40,000	1,40,000	1,40,000	1,40,000	7,00,000

*No maintenance charges during the first 10 years need be allowed for.

10. *To what extent is the scheme productive and/or cost recoverable.*—At least 15 per cent. of the outlay can be recouped every year after completion of the roads in the form of increase in the prices of coupes which do not at present command good prices owing to inaccessibility.

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.*—Nil.

(*b*) *locally.*—Nil.

12. *Any other remarks or information.*—The scheme has been approved administratively by Government. Proposals for employment of the officers and the establishments under them are under consideration.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 56 (60).

1. *Department.*—Forest.

2. *Scheme.*—Forest buildings, wells, etc. (About 416 buildings and 49 wells to be constructed).

3. *Brief description of the scheme.*—The scheme is designed to provide for necessary buildings, mainly residential, for forest staff and necessary amenities, particularly water. The period in which these buildings will be constructed will depend on the availability of materials and the priority fixed for buildings in general, but in view of the urgent need to provide necessary accommodation to the Forest Officers, attempts will be made to complete the scheme within 10 years.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Nil.

6. *Upper staff for planning and/or execution of the scheme.*—Nil. The present staff can supervise these works.

7. *Lower staff for planning and/or execution of the scheme.*—Nil.

8. *How staff to be obtained.*—Does not arise.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ..	2,20,000	2,20,000	2,20,000	2,20,000	2,20,000	11,00,000
(*b*) *Recurring* ..	..	..	..	..	..	..
Total ..	2,20,000	2,20,000	2,20,000	2,20,000	2,20,000	11,00,000

10. *To what extent is the scheme productive and/or cost recoverable.*—Not productive.

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.*—Nil.

(*b*) *locally.*—Nil.

12. *Any other remarks or information.*—Nil.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 57 (88).

1. *Department.*—Forest.

2. *Scheme.*—Improvement of denuded areas.

3. *Brief description of the scheme.*—The scheme envisages the improvement of denuded and eroded areas of forests proper. Forests in charge of the Revenue Department are to be returned to the Forest Department and, if possible, some afforestation of waste lands is to be carried out.

4. *Areas selected for application.*—(i) Satara ; (ii) Poona (Indapur and Dhond Talukas and Sirur peta) ; (iii) Sholapur (Karmala, Sangola, Malsiras and Pandharpur Talukas) ; (iv) Ahmednagar (Newasa, Kopargaon, Rahuri, Ahmednagar, Parner and Shrigonda talukas and Karjat peta) ; (v) Kolaba (Mahad, Mangaon and Roha talukas) ; (vi) Ratnagiri (all talukas except Vengurla peta) ; (vii) Belgaum, Bijapur and Surat districts.

5. *Other departments concerned.*—Agricultural Department (Land Development Section).

6. *Upper staff for planning and/or execution of the scheme.*—

Gazetted Staff.

1 Divisional Forest Officer, Ahmednagar, in the scale of Rs. 300—20—420—E.B.—30—660—E.B.—40—900 *plus* P. T. A. of Rs. 160 p.m.

1 Divisional Forest Officer, Ratnagiri, in the scale of Rs. 300—20—420—E.B.—30—660—E.B.—40—900 *plus* P. T. A. of Rs. 160 p.m.

1 Assistant to the Divisional Forest Officer, Poona, in the scale of Rs. 235—15—400—20—500 *plus* P. T. A. of Rs. 75 p.m.

1 Assistant to the Divisional Forest Officer, Satara, in the scale of Rs. 235—15—400—20—500 *plus* P. T. A. of Rs. 75 p.m.

1 Assistant to the Divisional Forest Officer, East Nasik, in the scale of Rs. 235—15—400—20—500 *plus* P. T. A. of Rs. 75 p.m.

7. *Lower staff for planning and/or execution of the scheme.*—

Ahmednagar Division.

1 Head Clerk—Rs. 95—5—125—E.B.—135—5—160.

1 Clerk—Rs. 60—5/2—75.

2 Clerks—Rs. 25—5/2—55 each.

6 Rangers—Rs. 80—5—125—E.B.—5—150 *plus* P.T.A. of Rs. 30 p.m. each.

6 Foresters—Rs. 30—1—40 each.

5 Forest guards—Rs. 25 p.m. each.

25 Forest guards—Rs. 15—1/2—20 each.

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Inferior Staff.

1 Naik—Rs. 17 p.m.

1 Peon—Rs. 15 p.m.

3 Peons—Rs. 14 p.m. each.

Ratnagiri Division.

1 Head clerk—Rs. 95—5—125—E.B.—135—5—160.

1 Clerk—Rs. 60—5/2—75.

2 Clerks—Rs. 25—5/2—55 each.

6 Rangers—Rs. 80—5—125—E.B.—5—150 *plus* P. T. A. of Rs. 30 p.m. each.

6 Foresters—Rs. 30—1—40 each.

5 Forest guards—Rs. 25 p.m. each.

25 Forest guards—Rs. 15—1/2—20 each.

Inferior Staff.

1 Naik—Rs. 17 p.m.

1 Peon—Rs. 15 p.m.

3 Peons—Rs. 14 p.m. each.

Poona Division.

Protective Staff.

2 Rangers—Rs. 80—5—125—E.B.—5—150 *plus* P. T. A. of Rs. 30 p.m. each.

Inferior Staff.

2 Peons on Rs. 17 p.m. each.

Satara Division.

Protective Staff.

2 Rangers in the scale of Rs. 80—5—125—E.B.—5—150 *plus* P. T. A. of Rs. 30 p.m. each.

Inferior Staff.

2 Peons on Rs. 14 p.m. each.

NATIONAL ARCHIVES OF INDIA

East Nasik Division.

Protective Staff.

2 Rangers in the scale of Rs. 80—5—125—E.B.—5—150, *plus* P. T. A. of Rs. 30 p.m. each.

Inferior Staff.

2 Peons on Rs. 14 p.m. each.

8. *How staff to be obtained.*—From extra appointments made for war supply work available as soon as war supply is over or curtailed; but it will be necessary to make further recruitment to fill up vacancies in Bombay Forest Service Class II caused by retirement during the next five years, by (*a*) promotion of selected rangers and (*b*) by direct recruitment for training at Dehra Dun. A limited number of war vacancies is likely to be available in the lower staff, say 4 for appointment in the clerical grade, 7 in the peons' grade and 39 in the protective line.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ..	4,49,240	4,49,240	4,49,240	4,49,240	4,49,240	22,46,200
(*b*) *Recurring* (*average*).	89,848	89,848	89,848	89,848	89,848	4,49,240
Total ..	5,39,088	5,39,088	5,39,088	5,39,088	5,39,088	26,95,440

10. *To what extent is the scheme productive and/or cost recoverable.*—Not directly productive.

11. *Nature of material, machinery, etc., needed from*—

(*a*) *abroad.*—Nil.

(*b*) *locally.*—Nil.

12. *Any other remarks or information.*—Nil.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 53.

1. *Department.*—Forest.

2. *Scheme.*—Expansion of territorial staff of the Forest Department to cope with the additional work arising out of the increased area of plantation and the more intensive working of the Forests.

3. *Brief description of the scheme.*—The area of Reserved Forest remaining after the exclusion of the afforestation circle will be about 9,000 sq. miles. This will be divided into 4 territorial Circles which will average approximately 2,250 sq. miles and into 26 Divisions which will average 350 sq. miles and 140 Ranges which will average 65·39 miles. This will entail the creation of 1 new territorial Circle, 8 new Divisions and 23 new Ranges.

4. *Areas selected for application.*—All reserved Forests in the Province.

5. *Other departments concerned.*—Nil.

6. *Upper staff for planning and/or execution of the scheme.*—

Gazetted Staff.

1 Conservator of Forests—B.F.S.—Rs. 1,100—50—1,300 *plus* P. T. A. as admissible.

8 D. F. Os.—B.F.S.I.—Rs. 300—20—420—E.B.—30—660—40—900 with P. T. A. as admissible.

7. *Lower Staff for planning and/or execution of the scheme.*—

30 Range Forest Officers in the scale of Rs. 80—5—125—E.B.—5—150—175—200 with admissible allowance. Additional foresters and guards will also be required but the exact number is not yet known.

1 Superintendent—Rs. 200—10—300—15—330.

10 Head clerks—Rs. 95—5—125—E.B.—135—5—160.

8 Senior accountants—Rs. 95—5—125.

9 Junior accountants—Rs. 85—5/2—100.

10 Senior Clerks—Rs. 30—5/2—80.

52 Junior Clerks—Rs. 25—5/2—55.

1 Naik on Rs. 19 p.m.

5 Peons on Rs. 17 p.m. each.

32 Peons on Rs. 14 p.m. each.

8. *How staff to be obtained.*—By gradual recruitment.

NATIONAL ARCHIVES OF INDIA

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ..	1,00,000	1,00,000	1,00,000	..	..	3,00,000
(*b*) *Recurring* ..	1,00,000	2,00,000	3,00,000	4,00,000	5,00,000	15,00,000
Total ..	2,00,000	3,00,000	4,00,000	4,00,000	5,00,000	18,00,000

10. *To what extent is the scheme productive and/or cost recoverable.*—The forests will be worked far more intensively but no estimate of the additional return can be made and it must be realised that the earning will increase gradually and not immediately.

11. *Nature of material, machinery, etc., needed from*—

(*a*) *abroad.*—Nil.

(*b*) *locally.*—Nil.

12. *Any other remarks or information.*—Nil.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 59.

1. *Department.*—Forest.

2. *Scheme.*—Creation of a Forest Research and Training Circle.

3. *Brief description of the scheme.*—It is intended to expand research in silviculture by starting large forest experimental plots in about six of the chief rainfall belts of the Province, carry out research in grazing (on a forest scale) and provide the seed of improved varieties of grass, study utilization problems and minor forest products and direct the training of Rangers, Deputy Rangers, Surveyors, Foresters and Guards.

4. *Areas selected for application.*—All forests in the Province.

5. *Other departments concerned.*—Agricultural Department (use of laboratories and machinery).

6. *Upper staff for planning and/or execution of the scheme.*—

Gazetted.

1 Conservator on B.F.S. scale—Rs. 1,100—50—1,300, and allowances admissible.

1 Silviculturist B.F.S.I.—Rs. 300—20—420—E.B.—30—660—E.B.—40—900 and allowances admissible.

1 Assistant (Class II) for the Research Station near Sirsi—Rs. 235—15—400—20—500 and allowances admissible.

1 Assistant (Class II) (General) do. do.

1 Assistant (Class II) for grazing research— do. do.

1 Utilization Officer (Class I) on 4 years' contract—Rs. 300—20—420—E.B.—30—660—E.B.—40—900 and allowances admissible.

1 Forest Economic Botanist (Class I) on 4 years' contract do. do.

1 Statistical officer (Class II)—Rs. 235—15—400—20—500.

1 Director of Training (Class II) do. do.

7. *Lower staff for planning and/or execution of the scheme.*—

5 Range Forest Officers for silviculture and grazing—Rs. 80—5—150—175—200 and allowances admissible.

2 R.F.Os. for utilization, seasoning and wood preservation do. do.

1 R.F.O. as Assistant to Economic Botanist— do. do.

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3 R.F.Os. for training Deputy Rangers, Foresters and guards—Rs. 80—5—150—175—200 and allowances admissible.

1 Laboratory Assistant (Forester's grade) Rs. 30—1—40—50—60.

1 Work-shop Maistry— do.

17 Foresters— do. each.

2 Computers (junior clerk's grade) D.A. and special pay—Rs. 25—5/2—55 each.

Clerical.

1 Superintendent for C.F.'s office—Rs. 200—10—300.

2 Head clerks—1 for Silviculturist and 1 for Utilization Officer—Rs. 95—5—125—E.B.—135—5—160.

3 Senior Accountants—1 each for the Conservator, Silviculturist and Utilization Officer—Rs. 95—5/—100 each.

3 Junior Accountants—1 each for the Conservator, Silviculturist and Utilisation Officer—Rs. 85—5/2—100 each.

9 clerks—3 for Direction office, 3 for Silviculture and 3 for Utilization } 3 Senior—Rs. 50—5/2—75. 6 Junior—Rs. 25—5/2—55.

Inferior Staff.

	Class I	Class II	*Orderlies*
Conservator.	3 Officers.	5 Officers.	Beat Guards in the grade o Rs. 15 1/2—20—25.
1 Naik on Rs. 19 p.m.	15 Peons on Rs. 17 p.m. each.	10 Peons on Rs. 17 p.m. each.	11
5 Peons on Rs. 17 p.m. each.			
6	15	10	11

8. *How staff to be obtained.*—From the existing forest cadre and by direct recruitment, preference being given to those who have served in the Military Department.

NATIONAL ARCHIVES OF INDIA

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Capital ..	1,50,000	1,75,000	1,00,000	1,00,000	1,00,000	6,25,000
Recurring ..	1,00,000	2,00,000	2,00,000	2,00,000	2,00,000	9,00,000
Total ..	2,50,000	3,75,000	3,00,000	3,00,000	3,00,000	15,25,000

10. *To what extent is the scheme productive and/or cost recoverable.*—Not directly productive.

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.*—Some laboratory apparatus.

(*b*) *locally.*—Wire for fencing and building material.

12. *Any other remarks or information.*—Nil.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 60.

1. *Department.*—Forest.

2. *Scheme.*—Creation of a Forest Engineering Circle.

3. *Brief description of the scheme.*—In order to provide buildings, roads and tracks in the Forests and supervise saw-mills, skidding and other mechanical operations, an expanded Forest Engineer's branch is required.

4. *Areas selected for application.*—All Reserved Forests.

5. *Other departments concerned.*—Nil.

6. *Upper staff for planning and/or execution of the scheme.*—

Gazetted Staff.

1 Conservator of Forests, B.F.S.—Rs. 1,100—50—1,300 *plus* P. T. A. admissible.

2 Forest Engineers, B.F.S. I.—Rs. 300—20—420—E.B.—30—660—E.B.—40—900 *plus* allowances admissible.

2 Deputy Forest Engineers, B.F.S. II—Rs. 235—15—400—20—500 *plus* allowances admissible.

7. *Lower staff for planning and/or execution of the scheme.*—

4 Sub-Engineers—Rs. 170—10—2—250 *plus* allowances admissible.

1 Draftsman under Conservator—Rs. 170—10—2—250 *plus* allowances admissible.

4 Overseers—Rs. 70—5/2—120 *plus* allowances admissible.

4 Draftsmen under Forest Engineer—Rs. 70—5/2—120 *plus* allowances admissible.

1 Superintendent—Rs. 200—10—300 *plus* allowances admissible.

1 Head Clerk—Rs. 95—5—125—E.B.—135—5—160 *plus* allowances admissible.

1 Junior Accountant—Rs. 85—5/2—100 *plus* allowances admissible.

5 Estimators—one for Circle office and 4 for Forest Engineers' offices—Rs. 30—5/2—80 each *plus* allowances admissible.

5 Junior clerks, one for Circle office and 4 for Forest Engineers' offices—Rs. 25—5/2—55 *plus* allowances admissible.

1 Naik (for Circle Office)—Rs. 17 p.m. *plus* allowances admissible.

and

22 Peons—Rs. 14 p.m. each *plus* allowances admissible.

(5 for Circle office

16 for Forest Engineers' offices*,

1 for Superintendent).

*As the full establishment will not be required.

NATIONAL ARCHIVES OF INDIA

8. *How staff to be obtained.*—From the existing Forest Engineering staff and by recruitment.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital** ..	..	..	..	..	..	..
(*b*) *Recurring* ..	60,000	1,10,000	1,10,000	1,10,000	1,10,000	5,00,000
Total ..	60,000	1,10,000	1,10,000	1,10,000	1,10,000	5,00,000

10. *To what extent is the scheme productive and/or cost recoverable.*—Not directly productive.

11. *Nature of material, machinery, etc., needed from*—

(*a*) *abroad.*—Nil.

(*b*) *locally.*—Nil.

12. *Any other remarks or information.*—Nil.

*Nil for the present. It will not exceed the total expenditure sanctioned under schemes Nos. 59 and 60.

NATIONAL ARCHIVES OF INDIA

CO-OPERATION.

(SCHEMES 61 TO 69).

The Cabinet's allocation for the sub-head of development "Co-operation" is Rs. 92,96,000. The total cost of the Co-operative Department schemes comes to Rs. 92,95,566 which is within the Cabinet's allocation.

NATIONAL ARCHIVES OF INDIA

NATIONAL ARCHIVES OF INDIA

SCHEME No. 61 (7).

1. *Department.*—Co-operative.

2. *Scheme.*—Training of Staff.

3. *Brief description of the scheme.*—A centre for training of the staff required by the Co-operative Department for the administration of the Bombay Agricultural Debtors' Relief Act, 1939, and other subordinate staff, was opened in 1944. The following staff has so far been trained :—

Assistant District Co-operative Officers	51
Sub-Auditors	25
	76

The Centre was utilised for training demobilised soldiers for employment in the Co-operative Department. The period of the training course was six months. Instruction was given in Marathi. Ex-servicemen were given stipends. Arrangements for practical training in the districts were also made.

4. *Areas selected for application.*—Poona.

5. *Other departments concerned.*—Industries, Agricultural and Revenue, according to the needs of the staff required to be trained.

6. *Upper staff for planning and/or execution of the scheme.*—One Assistant Registrar on grade pay *plus* special pay of Rs. 75 p.m.

7. *Lower staff for planning and/or execution of the scheme.*—

Two clerks.

Three peons.

8. *How staff to be obtained.*—From amongst the staff of the department.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(a) *Capital* ..	2,000	..	..	..	..	2,000
(b) *Recurring* ..	20,500	20,500	20,500	20,500	20,500	1,02,500
Total ..	22,500	20,500	20,500	20,500	20,500	1,04,500

10. *To what extent is the scheme productive and/or cost recoverable.*—Not productive.

11. *Nature of material, machinery, etc., needed from—*

(a) *abroad.*—Nil.

(b) *locally.*—Nil.

12. *Any other remarks or information.*—The training centre is to be continued up to the end of June 1947.

As a result of the recommendations of the Sir Janardan Madan Committee, Government has now decided to entrust all training of co-operative staff, official as well as non-official, to the Bombay Provincial Co-operative Institute which will run district classes, regional schools and establish a Co-operative College. The estimated cost on this account during the year 1947-48 is Rs. 1,63,000 (Recurring Rs. 1,42,000; Non-recurring Rs. 21,000).

NATIONAL ARCHIVES OF INDIA

SCHEME No. 62 (56).

1. *Department.*—Co-operative.

2. *Scheme.*—Co-operative Creameries.

3. *Brief description of the scheme.*—Dairy industry is the main subsidiary industry of the agriculturist, and his income will be increased if this industry is developed. The work under this scheme visualises the organisation of co-operative creameries in districts where there is an abundant quantity of surplus milk. It is proposed to organise five central creameries at five district headquarters, with 5 cream-separating units in each district where milk will be collected from the neighbouring villages. The cream separated at each centre, together with the other durable milk products which do not command local sale, will be transported to the central creamery equipped with a laboratory where the cream will be boiled into ghee, which will be tested and tinned under AGMARK labels and despatched to big consuming centres. Similarly, other milk products received from constituent units will be converted into durable milk products for disposal.

4. *Areas selected for application.*—Belgaum, Satara, East and West Khandesh and Dharwar districts.

5. *Other departments concerned.*—Department of Agriculture.

6. *Upper staff for planning and/or execution of the scheme.*—5 Graduate Assistants in the grade of Rs. 95—5—130—one for each of the central creameries.

7. *Lower staff for planning and/or execution of the scheme.*—
30 Kamgars in the grade of Rs. 30—35—5/2—60 (5 for 5 years and 25 for 3 years).
5 Peons on Rs. 14 p.m. each.

8. *How staff to be obtained.*—By transfer of the Departmental staff of the Co-operative and Agricultural Departments and by direct recruitment.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(a) *Capital* (for grants to central and primary creameries for purchase of equipment).	37,000	..	..	..	..	37,000
(b) *Recurring* ..	17,640	19,740	20,040	10,140	10,440	78,000
Total ..	54,640	19,740	20,040	10,140	10,440	1,15,000

NATIONAL ARCHIVES OF INDIA

10. *To what extent is the scheme productive and/or cost recoverable.*—After three years the institutions concerned will bear the cost of the staff, but the laboratories will have to be continued at Government cost.

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.*—
(*b*) *locally.*— } Cream separators, fat testing machines, churners, special boilers for conversion of cream into ghee, milk-containers, etc.

12. *Any other remark or information.*—So far as primary units are concerned, in addition to the provision of equipment it would be necessary in the initial stages, i.e., at least for the first three years, to provide each unit with one Kamgar. The central creamery equipped with the laboratory will have to be manned with a staff of one Graduate Assistant, one Kamgar and one peon. The pay of this staff and contingencies (the latter at the rate of Rs. 300 per annum) will be borne by Government. The following amounts will also be provided by Government :—

	Rs.
Grants to five central creameries for equipment of laboratories ..	20,000
Grants to primary creameries to meet one-third of the cost of equipment	17,000
Loans to primary creameries to meet two-thirds of the cost of equipment at 4 per cent. interest per annum repayable in 10 annual instalments	33,000

The question of amalgamating schemes Nos. 62 and 63 into one and having a revised scheme based on the recommendations contained in the report of the Expert Cattle Committee appointed in 1939 is under consideration.

Government has appointed a Dairy Development Officer who is formulating schemes for the development of rural dairying. The scheme may perhaps undergo modifications in the light of the recommendations that might be made by that officer.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 63 (57).

1. *Department.*—Co-operative.

2. *Scheme.*—Milk supply unions.

3. *Brief description of the scheme.*—The scheme visualises organisation of milk supply unions in urban areas where there is a keen demand from consumers, with feeder societies in the surrounding rural areas and arrangements for utilising the surplus, if any, to the best advantage. It is proposed to organise this industry on a large scale, to start with in Ahmedabad, for which purpose a special staff consisting of an officer in Class II and three graduate assistants—one at the planning stage and two later for execution of the scheme—would be required. Bombay and Poona are left out, as work on a large scale is proposed to be done by the Agricultural Department in Bombay, and work on similar lines may have to be undertaken in Poona.

4. *Areas selected for application.*—Ahmedabad, Belgaum, Nasik, Hubli and Sholapur districts (in order of priority).

5. *Other departments concerned.*—Department of Agriculture.

6. *Upper staff for planning and/or execution of the scheme.*—One officer in B.A.S. Class II in the scale of Rs. 235—500 for Ahmedabad district, with one clerk and two peons.

7. *Lower staff for planning and/or execution of the scheme.*—

1 Graduate Assistant in the grade of Rs. 95—5—130 with a peon.

2 Graduate Assistants in the grade of Rs. 95—5—130 with a peon each

and

5 Managers in the grade of Rs. 75—5/2—90.

8. *How staff to be obtained.*—By transfer of the Departmental Staff of the Co-operative and Agricultural Departments and by direct recruitment.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(a) *Capital* ..	1,100	700	..	..	..	1,800
(b) *Recurring* ..	7,860	15,840	16,260	16,920	17,340	74,220
Total ..	8,960	16,540	16,260	16,920	17,340	76,020

NATIONAL ARCHIVES OF INDIA

10. *To what extent is the scheme productive and/or cost recoverable.*—Not productive.

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.*—Cold storage equipment, motor vehicles for distribution.

(*b*) *locally.*—Nil.

12. *Any other remarks or information.*—In addition to the special staff for Ahmedabad, each milk supply union to be organised at places mentioned under item 4 will have to be provided with a Manager at Government cost in the initial stages.

The question of amalgamating schemes Nos. 62 and 63 into one and having a revised scheme based on the recommendations contained in the report of the Expert Cattle Committee appointed in 1939 is under consideration.

Government has appointed a Dairy Development Officer who is formulating schemes for the development of rural dairying. The scheme may perhaps undergo modifications in the light of the recommendations that may be made by that officer.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 64 (84-A).

1. *Department.*—Co-operative.

2. *Scheme.*—Establishment of Co-operative Workshops.

3. *Brief description of the scheme.*—The scheme envisages the establishment of co-operative workshops at certain suitable centres to begin with, at Karad in Satara district and Baramati in Poona district. There will be one workshop at each of these centres and it will have two Departments, *viz.*, mechanical and carpentry. In the beginning, the workshop will consist of one blacksmith, one carpenter, one fitter and one electrician. All these persons will be drawn from the ex-service personnel, possessing technical knowledge. The workshops would be expected to undertake repairs of bullock carts, agricultural implements, motor buses, sugar-crushing machines, iron mots, hardware and the like.

4. *Areas selected for application.*—Karad in Satara district and Baramati in Poona district.

5. *Other departments concerned.*—Revenue, Industries and Public Works Departments.

6. *Upper staff for planning and/or execution of the scheme.*—Nil.

7. *Lower staff for planning and/or execution of the scheme.*—
1 Manager for each workshop in the grade of Rs. 75—5/2—90.
2 Peons on Rs. 14 p.m. each.

8. *How staff to be obtained.*—By promotion from the Co-operative Department staff or by recruitment.

9. *Rough estimates of cost at existing rates for each year of the First Five-Years Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(a) *Capital* ..	40,000	..	..	..	..	40,000
(b) *Recurring* ..	4,000	4,000	4,000	4,000	4,000	20,000
Total ..	44,000	4,000	4,000	4,000	4,000	60,000

10. *To what extent is the scheme productive and/or cost recoverable.*—The scheme would be productive and the cost would be recovered gradually as and when turning out and repairs of articles takes place and the articles are marketed. It is expected to be self-supporting in course of time.

NATIONAL ARCHIVES OF INDIA

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.*—Nil.

(*b*) *locally.*—tools, motors, starters, etc.

12. *Any other remarks or information.*—The following assistance will be given to the Co-operative workshop by Government:

(i) Technical assistance for the efficient working of the workshops will be made available by the Director of Industries.

(ii) The expenditure on account of the Manager's pay, etc., will be borne by Government for 3 years and thereafter in progressively decreasing proportions till the 6th year. No charge will be borne by Government thereafter.

(iii) The acquisition charges for the site for the workshops will be borne by Government in the first instance and 50 per cent. of the charges will be recouped from the society later on in reasonable instalments, interest free, after the society starts earning profits.

(iv) Electrical or mechanical small power plant will be lent by Government to the society for three years.

(v) Requisite tools will also be supplied by Government free of cost for three years in the first instance. Thereafter the plant and tools will be sold to the society on hire purchase system, the instalments being fixed reasonably with due regard to the magnitude of the profits and the instalments for recouping acquisition cost.

(vi) The loans to be advanced by Central Financing Agency for purchase of raw materials, payment of wages, etc., will be guaranteed by Government for three years.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 65.

1. *Department.*—Co-operative.

2. *Scheme.*—Organisation of Co-operative Better Farming Societies.

3. *Brief description of the scheme.*—The object of the scheme is to consolidate fragmented and uneconomic or inadequate holdings by pooling the ownership into a co-operative society, consisting of all the holders who held the fragmented holdings previously and to rationalise cultivation in such a pooled holding of adequately economic size by redistributing the land in suitable economic units of cultivation. The holders will own the means of production, seeds, manure, raw materials and working capital jointly and will be entitled to dividends on the basis of the proprietorial interest in the holding and the labour hours they contribute in working the scheme. The holders who will be the members of such co-operative societies will purchase their domestic requirements and sell the produce through the medium of these societies. The societies will thus be not only Better Farming Societies, but also in fact multi-purpose co-operative societies catering for all the diverse needs of the members. The societies may also take on lease or purchase suitable lands of absentee landlords which may be lying waste or neglected and add them to their pooled holdings.

4. *Areas selected for application.*—Suitable areas in the Province.

5. *Other departments concerned.*—Agricultural and Revenue.

6. *Upper staff for planning and/or execution of the scheme.*—At least one Additional Co-operative Officer in each district. Further requirements of staff being considered.

7. *Lower staff for planning and/or execution of the scheme.*—One officer in the grade of Rs. 75—5/2—90, perhaps a Senior Sub-Auditor or an Assistant District Co-operative officer of the Co-operative Department, for appointment as Secretary of the society.

8. *How staff to be obtained.*—By transfer of suitable personnel from the Co-operative Department or by direct recruitment :—

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ..	1,00,000	..	..	..	..	1,00,000
(*b*) *Recurring* ..	52,000	52,000	52,000	52,000	52,000	2,60,000
Total	1,52,000	52,000	52,000	52,000	52,000	3,60,000

NATIONAL ARCHIVES OF INDIA

10. *To what extent is the scheme productive and/or cost recoverable.*—Not directly productive.

11. *Nature of material, machinery, etc., needed.*—Agricultural implements, etc.

12. *Any other remarks or information.*—The societies will need sympathetic guidance from Government in the beginning. For this, the following assistance will be given :—

(i) Free services of a trained Secretary in the grade of Rs. 75—5/2—90 for the first three years, the society being asked to pay half the cost in the fourth year and full cost from the fifth year.

(ii) Loans at a reasonable rate of interest, say 3 per cent., to finance the purchase and sale of manure, seeds, agricultural produce and consumer goods required by members; and

(iii) Free services of Co-operative Department by way of free audit and supervision.

A society is already being organised in Bhatkunki in Bijapur district and two more, one at Padali and the other at Bhaktawadi, are being considered.

An officer on Special Duty in the Revenue Department was appointed who has submitted concrete proposals for the organisation of such societies after taking into consideration the existing land tenures, the size of the holdings and the crop practices in different areas, and the possibility of organising such societies in areas where agricultural lands formerly requisitioned on behalf of the Government of India have been or will shortly be de-requisitioned. Where the previous holders or the majority of them have migrated or taken to other professions or taken to cultivation in other areas, such lands could be acquired for the formation of such societies. Those of the old holders who are prepared to join in any scheme may come in as members. Government is examining the recommendations of the Special Officer and orders thereon will issue in due course.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 66 (26).

1. *Department.*—Co-operative.

2. *Scheme.*—Extension of the Bombay Agricultural Debtors' Relief Act, 1939.

3. *Brief description of the scheme.*—The Act was in operation in half of the Province till February 1947. It has since been extended to the remaining half of the Province by entrusting Civil Judges with the debt adjustment work and 65 new D. A. Boards have been established with effect from 1st February 1947. It is the intention of Government to entrust the debt adjustment work of the old Boards also to the Civil Courts as soon as possible.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Finance, Judicial and Co-operative.

6. *Upper staff for planning and/or execution of the scheme.*—

(i) 50 Chairmen of Debt Adjustment Boards;

(ii) 3 Deputy Registrars in the Co-operative Department for controlling measures to secure crop finance to agricultural debtors, etc., in addition to their duties.

7. *Lower staff for planning and/or execution of the scheme.*—

The minimum staff of each old Board consists of:—

(*a*) One Senior Clerk, two Junior Clerks, two Bailiffs, two peons, one watchman.

(*b*) One Land Valuation Officer and a peon, one Assistant District Co-operative Officer and a peon, eighteen posts of sub-auditors and clerks to District Co-operative Officers have also been sanctioned in the Co-operative Department. Additional establishment to be sanctioned as and when required.

8. *How staff to be obtained.*—Recruitment for post of Chairman is made by the Bombay-Sind Public Service Commission, from practising pleaders on the lines of recruitment to posts of Civil Judges. Other posts are filled by transfer of persons in Civil Courts or in the Co-operative Department or by appointing new men.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ..	6,050	..	..	..	..	6,050
(*b*) *Recurring* ..	8,63,172	7,30,602	7,30,602	7,30,602	7,30,602	37,85,580
Total ..	8,69,222	7,30,602	7,30,602	7,30,602	7,30,602	37,91,630

NATIONAL ARCHIVES OF INDIA

10. *To what extent is the scheme productive and/or cost recoverable.*—Not productive.

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.*—Nil.

(*b*) *locally.*—Nil.

12. *Any other remarks or information.*—

(1) A Bill to consolidate and amend the Law for the Relief of Agricultural Debtors has recently been introduced in the Bombay Legislative Assembly. In accordance with the provisions of this Bill, it is proposed to dissolve all the Debt Adjustment Boards established till 1947 and to entrust their work to the Civil Judges. The existing staff of these old Boards will be transferred to the Civil Courts if and when required.

(2) Arrangements for advance of loans to agricultural debtors for purposes of financing of crops, etc., will be made through Co-operative Societies, grain depots and by authorised persons, and by way of tagai.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 67 (27).

1. *Department.*—Co-operative.

2. *Scheme.*—Co-operative organisations for crop financing in areas where the Bombay Agricultural Debtors' Relief Act, 1939, has been introduced.

3. *Brief description of the scheme.*—The provisions of the Bombay Agricultural Debtors' Relief Act, 1939, were applied to half the Province up to February 1947. From 1st February 1947, the Act has been extended to the whole Province. It is necessary to provide for crop finance to debtors and co-operative societies will undertake this task in three-fifths of the area in which the Act is in operation. In other areas, crop finance will be advanced either by Government agency such as grain depots, by way of tagai loans or by authorised persons.

Government has accepted in principle the entire financial responsibility for the supervisory staff, which is treated as a temporary addition to the corresponding cadre of the Co-operative Department from 1st April 1946. This relieves Co-operative Institutions, other than non-agricultural credit and agricultural non-credit societies, from the incidence of supervision fees. The annual contribution on this account amounts roughly to Rs. 1,45,000. The total cost for five years would, therefore, be Rs. 7,25,000.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Nil.

6. *Upper staff for planning and/or execution of the scheme.*—One Joint Registrar and Three Deputy Registrars.

7. *Lower staff for planning and/or execution of the scheme.*—2 office superintendents, 15 sub-auditors, 3 head clerks, 9 clerks and 9 peons.

8. *How staff to be obtained.*—By promotion and direct recruitment.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Capital ..	..	..	..	..	..	..
Recurring ..	1,15,000	1,15,000	1,15,000	1,15,000	1,15,000	5,75,000
Contribution (*vide* item 3 above).	1,45,000	1,45,000	1,45,000	1,45,000	1,45,000	7,25,000
Total ..	2,60,000	2,60,000	2,60,000	2,60,000	2,60,000	13,00,000

NATIONAL ARCHIVES OF INDIA

10. *To what extent is the scheme productive and/or cost recoverable.*—Not productive.

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.*—Nil.

(*b*) *locally.*—Nil.

12. *Any other remarks or information.*—The Joint Registrar, 3 Divisional Deputy Registrars and other staff contemplated under the scheme have already been appointed. Government is separately considering the question whether Co-operative Credit Societies and Co-operative Central Financing Agencies can, with requisite modification of their constitution, etc. and with Government help, if necessary, deal with all rural finance, or whether a separate Agricultural Credit Corporation aided and controlled by Government is necessary, so that rural credit may be effectively controlled and a relapse into indebtedness avoided.

NATIONAL ARCHIVES OF INDIA

O-III Bk H 441—10a

SCHEME No. 68.

1. *Department.*—Co-operative.

2. *Scheme.*—Marketing Development work, viz., (1) Regulated Markets and (2) Co-operative Marketing.

3. *Brief description of the scheme.*—The scheme envisages the establishment of a network of regulated markets in the Province and formation of Co-operative Sale Societies for every regulated market. It is proposed to organise about 32 such markets during the first 5 years of the post-war period. The marketing machinery that is existing in this Province at present functions more in the interests of traders and middlemen than in the interests of primary producers. The regulation of this machinery is expected to enable the primary producers to realise better returns for their produce.

If the regulated markets are to function efficiently, it would be necessary to have in these markets, one Co-operative Society working as Commission Agent on behalf of other Societies in the interior or primary producers. The Society will co-operate with the Market Committee in the introduction of the essential marketing reforms and it is desirable to have such an organisation to fall back on in case the traders oppose any measures for regulation of trades.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Agricultural and Public Works Departments.

6. *Upper staff for planning and/or execution of the scheme.*—10 Marketing Inspectors (3 in the grade of Rs. 160—10—260 and 7 in the grade of Rs. 100—110—8—150); 10 clerks (Rs. 25—5/2—55); 32 Secretaries (Rs. 80—5—100) for Market Committees; 32 Managers (Rs. 75—5—100) for Co-operative Sales Societies.

7. *Lower staff for planning and/or execution of the scheme.*—
40 Drivers—Rs. 30 p.m. each.
32 Watchmen—Rs. 14 p.m. each.
10 Peons—Rs. 14 p.m. each.

8. *How staff to be obtained.*—By recruitment. To be trained by the Chief Marketing Officer with the assistance of the Assistant Marketing Officers. On reversion from the Supply Department, about half the number would be available for appointment as Marketing Inspectors.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(a) *Capital* (for purchase of lorries).	25,000	31,250	31,250	25,000	..	1,12,500
(b) *Recurring* ..	1,02,876	56,364	51,756	34,644	36,276	2,81,916
Total ..	1,27,876	87,614	83,006	59,644	36,276	3,94,416

NATIONAL ARCHIVES OF INDIA

10. *To what extent is the scheme productive and/or cost recoverable.*—Not productive; cost not recoverable.

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.*—40 lorries, refrigerators, plants, etc.

(*b*) *locally.*—Nil.

12. *Any other remarks or information.*—The existing staff which consists of 10 Marketing Inspectors will have to be increased so as to enable them to cope with the increased work. The Divisional Deputy Registrars, who have been separately appointed, will also have to be invested with powers under the Agricultural Produce Markets Act and provided with a Marketing Inspector each to assist them.

Two posts of Assistant Marketing Officers in the grade of Rs. 170—10—250—E.B.—15—400—E.B.—20—500 have been created for one year in the first instance to further the work of development of marketing. Each of them will have a clerk and a peon. The posts of Assistant Marketing Officers will be exclusively filled in from amongst persons with Bombay domicile through the Bombay-Sind Public Service Commission. The question of establishing regulated markets at Ahmednagar, Kopargaon, Belapur, Nipani, Sankeshwar and Surat in the immediate future is under the consideration of Government.

It is noticed that in the absence of trained Secretaries, the Market Committees do not function properly. Provision is, therefore, made for Secretarial staff for the Market Committees. In the first year of appointment, the entire cost of these Secretaries may be borne by Government and in the next two years, Government may agree to bear 25 per cent. of the cost.

The Market Committees will also require watchmen. It is proposed that the salaries of these watchmen should be Rs. 14 p.m. each, and that Government may bear the entire cost for the first year and ¼th of the cost for the next two years.

Efficient functioning of the Market Committees would necessitate construction of godowns at the rate of 3 to 4 godowns for each Market Committee. It is estimated that about 90 godowns will be required for the 32 Market Committees to be established in the first five years. The cost of each godown will, on an average, be Rs. 5,000. A sum of Rs. 4,50,000 will, therefore, be required for construction of godowns. The entire amount will have to be provided by Government by way of loans to the Market Committees at a rate of interest not exceeding 4 per cent. per annum. The loans may be made repayable in 20 annual instalments.

The proposed Sale Societies or Purchase and Sale Unions will have to be provided with a Manager each. The scale of pay for a Manager should be Rs. 75—5—100. It is proposed that the entire cost in the first year of appointment may be borne by Government and that in the second or third year, only ¼th cost should be borne by Government. Some of the Co-operative Societies collecting vegetables for sale would require lorries in order to do their work efficiently. It is proposed that Government may bear 50 per cent. of the cost of the drivers of these lorries for a period of two years and supply lorries gratis.

It is intended that marketing and rural finance should be linked and work under these items should be done by the same staff with a view to securing proper co-ordination and development. A proposal to have a Provincial Director of Marketing and Rural Finance with adequate staff to co-ordinate the development work under the various heads and to administer the Bombay Agricultural Produce Markets Act and the Control of Money-lenders' Act is under consideration.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 69.

1. *Department.*—Co-operative.

2. *Scheme.*—Extension of the Bombay Money-Lenders' Act, 1946.

3. *Brief description of the scheme.*—A Bill to regulate the transactions of money-lending in the Province of Bombay has been passed by the Bombay Legislature in February 1947 and will come into force on such date as Government may, by notification, appoint in this behalf. This Act will throw additional work on Mamlatdars.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Finance, Home and Political and Services Departments.

6. *Upper staff for planning and/or execution of the scheme.*—It is intended to entrust the work under the Money-Lenders' Act to the Registrar of Co-operative Societies who will be appointed as Registrar-General under the Act. Collectors of districts will be Registrars and Mamlatdars of talukas Assistant Registrars under the Act. Special Officers from the Labour Department or from the Home Department will be appointed as Registrars for towns and cities like Bombay, Ahmedabad, Sholapur, Hubli and Poona. The number of such Registrars will not exceed ten.

7. *Lower staff for planning and/or execution of the scheme.*—10 Head Clerks, 200 Awal Karkuns, 250 clerks, 250 peons.

8. *How staff to be obtained.*—By promotion from the Revenue Subordinate Service and by direct recruitment.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(a) *Capital* ..	25,000	..	..	..	..	25,000
(b) *Recurring* ..	3,00,000	3,50,000	4,00,000	4,00,000	4,00,000	18,50,000
Total ..	3,25,000	3,50,000	4,00,000	4,00,000	4,00,000	18,75,000

NATIONAL ARCHIVES OF INDIA

10. *To what extent is the scheme productive and/or cost recoverable.*—A fee of Rs. 5 is to be charged for grant of license to a money-lender every year. This will bring in a revenue of about Rs. 5,00,000 per annum. The exact amount will depend upon the number of money-lenders to be licensed.

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.*—Nil.

(*b*) *locally.*—Nil.

12. *Any other remarks or information.*—It is the intention of Government to introduce the Money-lenders' Act throughout the Province as soon as possible. The figures of expenditure and income (Items 9 and 10) are worked out on an approximate basis only.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 69-A.

1. *Department.*—Revenue.

2. *Scheme.*—Extension of the Bombay Tenancy Act, 1939.

3. *Brief description of the scheme.*—The Bombay Tenancy Act, 1939, as amended by the Bombay Tenancy (Amendment) Act, 1946, has been applied to the whole Province. The administration of this Act involves considerable increase in work in the district revenue offices, e.g., in connection with the recording of tenancy rights and the fixation of reasonable rents, etc. It is, therefore, necessary to strengthen the district revenue establishment by employment of additional staff.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Land Records.

6. *Upper staff for planning and/or execution of the scheme.*—Three Divisional Tenancy Officers in the cadre of second grade Mamlatdars.

7. *Lower staff for planning and/or execution of the scheme.*—169 Awal Karkuns, 262 Clerks and 169 peons.

8. *How staff to be obtained.*—By promotion and direct recruitment.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Capital ..	..	..	..	..	..	..
Recurring ..	2,35,000	2,35,000	2,44,000	2,45,000	2,60,000	12,19,000

10. *To what extent is the scheme productive and/or cost recoverable.*—The cost is not recoverable, but the scheme is expected to produce salutary effects in the agricultural conditions of the Province.

11. *Nature of material, machinery, etc., needed from*—

(*a*) *abroad.*—Nil.

(*b*) *locally.*—Nil.

12. *Any other remarks or information.*—The establishment at present employed has been sanctioned for one year in the first instance from 1st March 1947, but it may be continued further.

NATIONAL ARCHIVES OF INDIA

COTTAGE INDUSTRIES

(SCHEMES 70 TO 73)

The Cabinet's allocation for the sub-head of development "Cottage Industries" is Rs. 20,10,000. The total cost of the Cottage Industries schemes comes to Rs. 20,10,548, thus representing a nominal excess of Rs. 548. The actual expenditure on the various schemes will be carefully watched so that the sanctioned allocation is not exceeded.

NATIONAL ARCHIVES OF INDIA

NATIONAL ARCHIVES OF INDIA

SCHEME No. 70 (14-A).

1. *Department.*—Cottage Industries Section under the Co-operative Department.

2. *Scheme.*—Cottage Industries.

3. *Brief description of the scheme.*—To train wool weavers in improved methods of hand-weaving and spinning at a Technical Institute, with a view to providing employment.

4. *Areas selected for application.*—It has been decided to locate the Institute at Gadag in Dharwar district.

5. *Other departments concerned.*—Nil.

6. *Upper staff for planning and/or execution of the scheme.*—Nil.

7. *Lower staff for planning and/or execution of the scheme.*—One Supervisor, one Instructor and one peon.

8. *How staff to be obtained.*—By direct recruitment.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st Year.	2nd Year.	3rd Year.	4th Year.	5th Year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ..	2,000	2,000	2,000	2,000	2,000	10,000
(*b*) *Recurring* ..	8,624	8,624	8,624	8,624	8,624	43,120
Total ..	10,624	10,624	10,624	10,624	10,624	53,120

10. *To what extent is the scheme productive and/or cost recoverable.*—Nil.

11. *Nature of material, machinery, etc., needed from*—

(*a*) *abroad.*—Nil.

(*b*) *locally.*—Nil.

12. *Any other remarks or information.*—The scheme has been put into execution since January 1947.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 71 (71-A).

1. *Department.*—Cottage Industries Section under the Co-operative Department.

2. *Scheme.*—District Industrial Associations.

3. *Brief description of the scheme.*—There are at present 9 industrial associations in 7 districts for the marketing of handloom products. It is proposed that such associations may be organised in other districts not only for development of handloom weaving, but also for other cottage industries and subsidiary industries. The various subsidiary occupations and cottage industries which could be organised in different districts have already been indicated in the Bombay Industrial and Economic Survey Reports (Sir P. Thakordas Reports). With the material that is already available and with the technical advice obtained from the Industries Department, it may be possible to organise a number of societies on co-operative basis which would work as producing centres and feeders to the proposed industrial associations.

It would also be desirable to organise a Provincial Industrial Federation, on the lines of similar institutions working in the United Provinces and Madras, so that it will function as a central institution to co-ordinate the activities of the District Industrial Associations and other industrial co-operatives. The proposed Federation would require financial assistance in the initial stages. Provision has accordingly been made to meet the cost on account of pay, etc. of the Secretary for the first three years. Government may also waive recovery of leave and pension contributions for this period. In addition, the Federation would require to be given grant-in-aid during the first three years to meet the deficit, if any, in meeting the cost of its management, and provision to the extent of Rs. 10,000 is made on this account.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Industries Department.

6. *Upper staff for planning and/or execution of the scheme.*—One Secretary for the Provincial Federation (Rs. 135—5—180).

Ten Managers on Rs. 70 p.m.—one for each Association.

7. *Lower staff for planning and/or execution of the scheme.*—Nil.

8. *How staff to be obtained.*—From the staff of the Co-operative and Industries Departments or by recruitment and training of suitable personnel.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st Year.	2nd Year.	3rd Year.	4th Year.	5th Year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ...	10,350	.....	.....	.....	.....	10,350
(*b*) *Recurring* ...	59,394	58,416	58,488	53,400	53,400	2,83,098
Total ...	69,744	58,416	58,488	53,400	53,400	2,93,448

NATIONAL ARCHIVES OF INDIA

10. *To what extent is the scheme productive and/or cost recoverable.*—Not immediately productive and cost not recoverable.

11. *Nature of material, machinery etc., needed from—*

(*a*) *abroad*—
(*b*) *locally*— } Nil.

12. *Any other remarks or information.*—Government has approved the proposal for the registration of a Provincial Industrial Co-operative Association. Government has sanctioned a grant-in-aid of Rs. 42,480 to the Association to cover the organisational and propaganda expenditure and part of other expenses, and has also agreed to subscribe to the share capital up to a maximum of Rs. 50,000 or 20 per cent. of the paid up share capital, whichever is less. The District Industrial Associations will in due course be linked up with the Provincial Industrial Co-operative Association.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 72 (108).

1. *Department.*—Cottage Industries Section under the Co-operative Department.

2. *Scheme.*—Cottage Industries.

3. *Brief description of the scheme.*—To organise peripatetic parties on the existing lines in cotton weaving, wool weaving, tanning, etc.

4. *Areas selected for application.*—The parties will be located at those places in districts which afford facilities of raw materials.

5. *Other departments concerned.*—Nil.

6. *Upper staff for planning and/or execution of the scheme.*—4 District Industrial Officers for the districts in the selected areas.

7. *Lower staff for planning and/or execution of the scheme.*—The following staff for 9 districts for these parties :—

(1) Cotton Weaving—
4 Weaving Masters in the scale of Rs. 40—2—60.
4 Assistant Weaving Masters in the scale of Rs. 30—2—40.

(2) Wool Weaving School—
6 Wool Weaving Masters in the grade of Rs. 50—2—60.
6 Assistant Wool Weaving Masters in the grade of Rs. 30—2—40.
6 Part-time female carders on Rs. 7 p. m. each.
6 Part-time female spinners on Rs. 8 p. m. each.

(3) Tanning—
5 Tanning Demonstrators on Rs. 50 p. m. each.
5 Assistant Tanning Demonstrators on Rs. 30 p. m. each.

(4) Cane and Bamboo Work—
7 Master Craftsmen on Rs. 75 p. m. each.
7 Assistant Master Craftsmen on Rs. 40 p. m. each.

(5) Carpentry and Wood-turning—
7 Demonstrators in the grade of Rs. 50—3—65.

(6) Leather Working—
8 Instructors in the scale of Rs. 60—3—75.
8 Assistant Instructors in the scale of Rs. 40—2—50.

(7) Smithy—
8 Master Craftsmen in the scale of Rs. 100—5—150.
8 Blacksmiths in the scale of Rs. 60—5—75.

(8) Fibre Manufacture—
8 Demonstrators in the scale of Rs. 50—2—60.
8 Assistant Demonstrators in the scale of Rs. 30—2—40.

8. *How staff to be obtained.*—By recruitment and by promotion from the existing staff of the Co-operative Department.

NATIONAL ARCHIVES OF INDIA

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st Year.	2nd Year.	3rd Year.	4th Year.	5th Year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ...	78,000	.....	.....	.....	.....	78,000
(*b*) *Recurring* ...	1,36,716	1,36,956	1,37,196	1,37,436	1,37,676	6,85,980
Total ...	2,14,716	1,36,956	1,37,196	1,37,436	1,37,676	7,63,980

10. *To what extent is the scheme productive and/or cost recoverable.*—Not directly productive.

11. *Nature of material, machinery, etc., needed from*—

(*a*) *abroad.*—Lathes and tools, etc.

(*b*) *locally.*—Other equipment, such as looms, beams, shuttles, etc.

12. *Any other remarks or information.*—This scheme has been correlated with the training schemes taken up under scheme No. 73.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 73.

Development of Cottage Industries (schemes to be organised by the Non-Official Committee).

Government has decided—

(*i*) that the work of development of cottage industries should be supervised and co-ordinated by a committee of non-official workers interested in the development of cottage industries ;

(*ii*) that this committee should put up various schemes of training of cottage industries workers and also submit in due course a comprehensive five-year plan in connection with each cottage industry to be taken up in particular areas, with specific reference to raw materials available and the surplus rural labour which remains idle at present, for consideration of Government.

Some preliminary training schemes and a small number of cottage industries schemes which are already based on rural surveys have been put up by the committee and Government has sanctioned the execution of these schemes at a total cost of Rs. 97,500 during 1946-47. Government has already created a temporary post of Joint Registrar for Industrial Co-operative and Village Industries under the Co-operative Department, with the requisite clerical staff to scrutinise the cottage industries schemes put up by the committee and to watch the progress of each scheme sanctioned by Government, so that he can advise Government from time to time what grants and subsidies should be given for each scheme in the light of the results achieved. The expenditure on the scheme for development of cottage industries run and co-ordinated by the non-official committee during 1947-48 will not be less than Rs. 1,95,000 and further programme for the next 4 years will be settled in due course.

The total cost over five years is estimated at Rs. 9 lakhs.

NATIONAL ARCHIVES OF INDIA

LAND RECORDS.

(SCHEMES Nos. 74 AND 75.)

The Cabinet's allocation for the sub-head of development "Land Records" is Rs. 1,20,79,000. The total cost of the Land Records Department schemes comes to Rs. 1,20,79,500 thus representing a nominal excess of Rs. 500 only.

NATIONAL ARCHIVES OF INDIA

MO-1 Bk H 441—11

NATIONAL ARCHIVES OF INDIA

SCHEME No. 74 (84-B).

1. *Department.*—Land Records.

2. *Scheme.*—Prevention of fragmentation, and consolidation, of agricultural holdings.

3. *Brief description of the scheme.*—Agriculture in this Province suffers seriously from the evils of excessive fragmentation and sub-division of holdings. Cultivation of fragments or sub-divisions—

(*i*) involves waste of time and labour in moving implements, seed, bullocks and equipment from one fragment or sub-division to another;

(*ii*) leads to waste of substantial areas which have to be left uncultivated as boundary strips; and

(*iii*) prevents permanent improvements like bunding, fencing, etc., being undertaken, as the fragment or the sub-division so protected is too small in area to make the undertaking of the improvement economically worthwhile, and thus leads to progressive deterioration of the fragmentated or sub-divided holdings and to reduction in productive capacity.

A Bill to remedy the evils of fragmentation and to effect consolidation of holding has been introduced in the Legislature. When the Bill becomes an Act, its administration will require a large number of Surveyors, Circle Inspectors and other supervisory staff.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Agricultural and Revenue.

6. *Upper staff for planning and/or execution of the scheme.*—

De gnation of the post.	1st year.	2nd year.	3rd year.	4th year.	5th year.
(*a*) Superintendent of Land Records. (Grade Rs. 300—20—420—E.B.—20—520) ...	.....	.....	.....	.....	1
(*b*) Consolidation Officers. (Grade Rs. 300—20—420—E.B.—20—520 + permanent travelling allowance Rs. 150 per mensem each + Tentage Rs. 15 per mensem each). ...	.....	1	2	3	5
(*c*) District Inspectors of Land Records. (Grade Rs. 200—15/2—260)	.....	...	.....	.....	2

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7. *Lower Staff for planning/or execution of the scheme.*—

Designation of the post.	1st year.	2nd year.	3rd year.	4th year.	5th year.
District Surveyors. (Grade Rs. 80—5/2—95 + permanent travelling allowance Rs. 50 per mensem + Contingencies Rs. 5 per mensem)	1	2	4	8	10
Inspectors for training classes. (Grade Rs. 60—3—90). ...	*Nil.*	*Nil.*	*Nil.*	45	6
Surveyors. (Grade Rs. 35—5/2—60 + permanent travelling allowance Rs. 22-8-0 per mensem + contingencies Rs. 1-14-0 per mensem each) ...	100	100	200	400	200
Circle Inspectors. (Grade Rs. 30—5/2—80 + permanent travelling allowance Rs. 22-8-0 per mensem)	*Nil.*	100	200	400	800
Clerks and clerk-typists. (Grade Rs. 25—5/2—55) ...	.....	2	4	6	12
Peons (for Surveyors). Pay Rs. 14 per mensem + permanent travelling allowance Rs. 7-8-0 per mensem each ...	100	100	200	400	200
Peons for Circle Inspectors Rs. 14 per mensem each ...	*Nil.*	100	200	400	800
Peons for District Surveyors, Consolidation Officers etc. Rs. 14 per mensem each ...	1	4	8	14	22

8. *How staff to be obtained.*—By direct recruitment and by promotion from the staff of the Land Records and Revenue Departments.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Capital ...	22,000	22,500	45,000	89,000	46,000	2,24,500
Recurring ...	1,71,000	4,69,000	9, 7,000	18,81,000	27,99,000	62,57,000
Total ...	1,93,000	4,91,500	9,82,000	19,70,000	28,45,000	64,81,500

10. *To what extent is the scheme productive and/or cost recoverable.*—The scheme is not directly productive, but will increase the productivity of land. The cost of carrying out consolidation is recoverable from owners and actual holders of lands to be so consolidate

11. *Nature of material, machinery, etc., need from—*

(*a*) *abroad.* } Nil.
(*b*) *locally.* }

12. *Any other remarks or information.*—Nil.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 75.

1. *Department.*—Land Records.

2. *Scheme.*—Introduction of Record of Rights in Khoti and Inam villages.

3. *Brief description of the scheme.*—The Record of Rights exists in all Government and some of the inam villages, but it has not yet been introduced in several khoti and inam villages. The result is that the rights of the superior and inferior holders in these villages have not been clearly defined and recorded and some of the Khots and Inamdars take undue advantage of this state of affiairs. It is also difficult to plan systematic development in the absence of the usual village statistics which are not maintained in several khoti and inam villages. Government, therefore, considers it necessary to introduce Record of Rights under the Bombay Land Revenue Code, 1879, in these villages. The exemption from the Record of Rights granted to the khoti villages has already been cancelled and the question of taking power by amendment of the Land Revenue Code, to introduce Record of Rights in unsurveyed inam villages is under the consideration of Government. The actual introduction of the Record of Rights, however, entails a large expenditure and requires a band of trained staff. It is proposed to appoint and train this extra staff and to complete the introduction of Record of Rights in the 954 khoti and 600 unsurveyed inam villages within five years.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Revenue.

6. *Upper staff or planning and/or execution of the scheme.*—*Vide* Statement I appended.

7. *Lower staff for planning and/or execution of the scheme.*—*Vide* Statement II appended.

8. *How staff to be obtained.*—By direct recruitment and promotion from the Land Records and Revenue staff.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(a) *Capital* ...	4,000	4,000	.....	4,000	1,000	13,000
(b) *Recurring* ...	4,31,000	8,33,000	8,51,000	12,34,000	22,36,000	55,85,000
Total ...	4,35,000	8,37,000	8,51,000	12,38,000	22,37,000	55,98,000

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10. *To what extent is the scheme productive and/or cost recoverable.*—The cost is recoverable from the Khots and privileged occupants in the khoti villages and from Inamdars and permanent tenants in inam villages.

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.*— } Nil.
(*b*) *locally.*— }

12. *Any other remarks or information.*—Nil.

STATEMENT I.

Staff to be recruited each year.

Designation of the post.	1st year.	2nd year.	3rd year.	4th year.	5th year.
Survey Mamlatdars (Rs. 200—15/2—260)	1	1	...	1	3
Aval Karkuns (Rs. 80—5/2—95)...	1	1	...	1	3

STATEMENT II.

Staff to be recruited each year.

Designation of the post.	1st year.	2nd year.	3rd year.	4th year.	5th year.
Senior Surveyors or Nimtandars (Rs. 60—2—80 + permanent travelling allowance Rs. 22-8-0 per mensem + contingencies Rs. 1-14-0 per mensem) ...	50	50	.....	50	.....
Peons (for Sr. Surveyors)—Pay Rs. 14 per mensem + permanent travelling allowance Rs. 7-8-0 per mensem.	50	50	.....	50	.....
Junior Surveyors (Rs. 35—5/2—60 + permanent travelling allowance (Rs. 22-8-0 per mensem + Contingencies Rs. 1-14-0 per mensem).	200	200	.....	200	.....
Peons (for Junior Surveyors) Pay Rs. 14 per mensem + permanent travelling allowance Rs. 7-8-0 per mensem.	200	200	.....	200	.....
Talatis (Rs. 20—1—35) ...	10	10	.....	10	30
Circle Inspectors (Rs. 35—5/2—60)	2	2	.....	2	6

NATIONAL ARCHIVES OF INDIA

SCHEME No. 76.

1. *Department.*—Reconstruction Department.

2. *Scheme.*—Minor Irrigation Projects.

3. *Brief description of the scheme.*—Government has decided to spend a total amount of Rs. 1½ crores on minor irrigation works in the first five-year period. The works will be mostly protective irrigation works which will stimulate increase in the production of food and fodder and thus go a long way in fostering the general economic development of the Province. The programme will include new works, some of which have been administratively approved, but a large majority of which have only been investigated and surveyed but not administratively approved or finally prepared for such approval. The final selection of individual works for inclusion in the programme will be made in consultation with influential persons and representatives of the people in each district.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Revenue and Public Works Department.

6. *Upper staff for planning and/or execution of the scheme.*—
7. *Lower staff for planning and/or execution of the scheme.*—
8. *How staff to be obtained.*—

It is proposed that the Chief Engineer, Public Works Department, Poona, will undertake to plan and execute the schemes through the normal P. W. D. Officers, and additional staff will be engaged as and when necessary.

9. *Rough estimates of cost at existing rates for each year of the First Five Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital*—						
(*i*) Works ...	15,00,000	20,00,000	20,00,000	25,00,000	25,50,000	1,05,50,000
(*ii*) Establishment.	4,50,000	6,00,000	6,00,000	7,50,000	7,65,000	31,65,000
Total Capital ...	19,50,000	26,00,000	26,00,000	32,50,000	33,15,000	1,37,15,000
(*b*) *Recurring*—						
(*i*) Works ...	.....	22,000	53,000	83,000	1,20,000	2,78,000
(*ii*) Establishment.	.....	5,000	10,000	16,000	22,000	53,000
Total *Recurring* ...	.....	27,000	63,000	99,000	1,42,000	3,31,000
					Grand Total ...	1,40,46,000

NATIONAL ARCHIVES OF INDIA

10. *To what extent is the scheme productive and/or cost recoverable.*—The works will be mostly protective irrigation works and will stimulate increase in the production of food and fodder in the Province.

11. *Nature of material, machinery, etc., needed.*—No special kinds of machinery and material will be required for the execution of the scheme.

12. *Any other remarks or information.*—Two statements showing works which are proposed to be taken up for construction in the first five-year period are attached. Statement I shows works which have been sanctioned but not hitherto taken up for execution. Statement II indicates works which were investigated and surveyed but not sanctioned. The works will be reviewed and revised according to the prevalent rates before taking them up for execution.

STATEMENT I.

Minor Irrigation Schemes—sanctioned but not executed.

Serial No.	District.	Taluka.	Name of work.	Estimated cost.
1	2	3	4	5
	I. NORTHERN DIVISION.			Rs.
1	Kaira	Kapadwanj	Improvements to pick-up-weir across the Luni river near Lunawada.	4,222
2	Panch Mahals	Jhalod	Irrigation tank at Karath	1,23,490
3	Do.	Kaloł	Extension and improvement to tank at Behiva.	42,510
4	Do.	Dohad	Irrigation tank at Raski Nala at Panchwada.	1,10,588
5	Do.	Do.	Irrigation tank at Tanchia Nala at Gundikheda.	1,45,330
	II. CENTRAL DIVISION.			
6	Ahmednagar	Akola	Tank and bandhara at Samshetpur.	36,000
	III. SOUTHERN DIVISION.			
7	Bijapur	Bijapur	Bandhara at Tonsyal	33,630
8	Do.	Do.	Bandhara at Jambagi	75,462
9	Do.	Sindgi	Bandhara at Kokatnur	47,986
10	Do.	Indi	Bandhara at Ingalgi	72,978
11	Dharwar	Dharwar	Tank at Arwatgi	1,18,022
12	Do.	Mundargi Petha	Tank at Harogeri	46,912
13	Do.	Do.	Tank at Shirol	1,80,835
14	Do.	Do.	Tank at Shirur	3,34,240
15	Kolaba	Karjat	Bandhara near Vasrang below Khopoli.	38,640
			GRAND TOTAL	14,10,845

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STATEMENT II.

Minor Irrigation Schemes—investigated and surveyed.

Schemes that can be taken up for execution in 1947-48.

Serial No.	District.	Taluka.	Name of work.	Estimated cost.
1	2	3	4	5
				Rs.
	I. NORTHERN DIVISION.			
1	Ahmedabad ...	Prantij ...	Tank at Pusri ...	75,524
2	Do. ...	Gogha Mahal ...	Tank at Sanodar ...	28,502
3	Do. ...	Modasa Mahal ...	Tank at Odha ...	85,748
4	Kaira ...	Thasra ...	Improvements to tank at Jalanagar	3,944
5	Do. ...	Do. ...	Irrigation tank at Margakhni ...	2,49,592
6	Do. ...	Do. ...	Improvements to Wangroli Tank ...	33,506
7	Do. ...	Kapadwanj ...	Improvements to Gam tank at Antisar.	55,594
8	Do. ...	Borsad ...	Extending the Ardi Vatav drain between Rangipura and Bhavanipura.	14,320
9	Do. ...	Matar ...	Constructing Chanar Hadeva drain.	63,370
10	Do. ...	Thasra ...	Tank at Rajpuri ...	3,72,476
11	Do. ...	Do. ...	Tank at Rozwa (Roghwa) ...	4,58,550
12	Panch Mahals ...	Jhalod ...	Tank at Dantia ...	1,11,256
13	Broach ...	Wagra ...	Limri, Pakhajan-Bhuki river drain.	2,18,684
14	Do. ...	Amod ...	Improvements to Motu tank at Achhod.	11,354
			TOTAL, NORTHERN DIVISION ...	17,82,420
	II. CENTRAL DIVISION.			
15	Poona ...	Ambegaon Peta.	Tank at Avsari Khurd ...	2,88,780
16	Do. ...	Haveli ...	Tank at Tarde ...	2,94,760
17	Ahmednagar ...	Sangamner ...	Bandhara at Lohar Odha at Dolsana.	36,720
18	Do. ...	Do. ...	Bandhara at Warudi Pathar ...	87,600
19	Nasik ...	Chandor ...	Tank at the Odal River near Khadak Ojhar.	8,45,222
20	Do. ...	Do. ...	Tank at Deogaon ...	5,72,600
21	Do. ...	Baglan ...	Tank at Chowgani ...	65,238
22	East Khandesh ...	Bhusaval ...	Tank at Vekhala ...	3,63,458
23	West Khandesh ...	Dhulia ...	Tank at Kotra ...	2,41,074
24	Sholapur ...	Pandharpur ...	Tank at Jaoli ...	4,40,000
25	Do. ...	Barsi ...	Tank at Vairag ...	2,38,000
26	Do. ...	Do. ...	Tank at Jamgaon ...	3,20,000
27	Do. ...	Sangola ...	Tank at Chincholi ...	6,18,000
28	Do. ...	Karmala ...	Tank at Jeur ...	3,34,000
29	Do. ...	Do. ...	Tank at Patharti ...	2,01,000
30	Do. ...	Do. ...	Tank at Kumbhaj ...	3,34,000
31	Do. ...	Do. ...	Tank at Kondhej ...	4,81,400
32	Do. ...	Do. ...	Tank at Lawe ...	1,80,000
33	Do. ...	Madha ...	Tank at Wangi ...	1,58,200
34	Do. ...	Do. ...	Tank at Adhegaon ...	1,92,000

NATIONAL ARCHIVES OF INDIA

STATEMENT II—*contd.*

Serial No.	District.	Taluka.	Name of work.	Estimated cost.
1	2	3	4	5
	II. CENTRAL DIVISION—*contd.*			Rs.
35	Sholapur ...	Madha ...	Tank at Akola	8,62,000
36	Do. ...	Do. ...	Tank at Anjangaon	2,20,000
37	Do. ...	Do. ...	Tank at Katewadi	3,85,200
38	Do. ...	Sholapur ...	Tank at Koravli	6,32,500
39	Do. ...	Do. ...	Tank at Wagholi	4,04,600
40	Do. ...	Do. ...	Tank at Pakni	7,13,000
			TOTAL, CENTRAL DIVISION ...	95,09,352
	III. SOUTHERN DIVISION.			
41	Belgaum ...	Athni ...	Tank at Yallihadalgi ...	1,36,968
42	Do. ...	Do. ...	Improvements to Heggari tank at Murgod.	36,670
43	Do. ...	Khanapur ...	Tank at Avroli ...	70,000
44	Do. ...	Do ...	Tank at Kasmalgi ...	21,084
45	Bijapur ...	Bijapur ...	Bandhara at Dudihal ...	54,810
46	Do. ...	Indi ...	Bandhara on Nandurgi Nala ...	15,348
47	Do. ...	Do. ...	Bandhara at Bardol ...	54,644
48	Dharwar ...	Dharwar ...	Tank at Hullikeri ...	8,60,000
49	Do. ...	Do. ...	Tank at Beneli ...	2,47,174
50	Do. ...	Gadag ...	Tank at Alur ...	3,90,792
51	Do. ...	Ranebennur ...	Bandhara across the west weir Nala of Medleri tank.	54,000
52	Do. ...	Gadag ...	Tank at Jambargundi ...	1,83,750
53	Kanara ...	Supa Petha ...	Bandhara at Akoli Medha ...	24,000
54	Do. ...	Bhatkal ...	Dam at Kadirkot ...	64,000
55	Kolaba ...	Rohe ...	Bandhara across the Maisdhra Nala at Matholi.	2,43,560
			TOTAL, SOUTHERN DIVISION ...	24,56,800
			GRAND TOTAL ...	1,37,48,572

NATIONAL ARCHIVES OF INDIA

SCHEME No. 77.

1. *Scheme.*—Reclamation of Khar and Khajan lands.

2. *Department.*—Revenue and Reconstruction Departments.

3. *Brief description of the scheme.*—Due to the ingress of sea water in lands along the coast line of this Province, the lands are rendered unfit for cultivation. It is proposed to reclaim such Khar and Khajan lands by construction of suitable bunds and gates so as to stop ingress of sea water in the lands at high tides. An amount of Rs. 30 lakhs has been earmarked during the first five-year period.

4. *Areas selected for application.*—Coastal areas of Broach, Thana, Surat, Kolaba and North Kanara districts.

5. *Other departments concerned.*—Public Works Department.

6. *Upper staff for planning and/or execution of the scheme.*—The planning and execution of the scheme is proposed through the agency of the regular Public Works Department Divisions. Plans and estimates for some works have been sanctioned and for others are under preparation or are to be prepared hereafter. The additional staff will be engaged as and when necessary.

7. *Lower staff for planning and/or execution of the scheme.*—As in paragraph 6 above.

8. *How staff to be obtained.*—Partly by promotion from within the Department, partly by recruitment from outside and from classes opened in the Engineering College, Poona.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
a) Capital—						
(*i*) Expenditure on work portion at 1938-39 and 100 per cent.	1,60,000	3,00,000	4,00,000	6,00,000	6,00,000	20,60,000
(*ii*) Establishment charges at 20 per cent. ...	32,000	60,000	80,000	1,20,000	1,20,000	4,12,000
Total ...	1,92,000	3,60,000	4,80,000	7,20,000	7,20,000	24,72,000

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	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*b*) *Recurring.*—						
(*i*) Maintenance cost at 1·5 per cent. over (*a*) (*i*) above. ...	.....	3,000	7,000	13,000	22,000	45,000
(*ii*) Establishment for maintenance at 20 per cent. over(*i*) above.	.....	1,000	1,000	3,000	4,000	9,000
Total ...	.....	4,000	8,000	16,000	26,000	54,000
Grand Total ...	1,92,000	3,64,000	4,88,000	7,36,000	7,46,000	25,26,000

10. *To what extent is the scheme productive and/or cost recoveravble.*—The scheme will bring under cultivation lands at present unfit for raising any crop and will be productive to some extent by leasing of reclaimed lands to private cultivators.

11. *Nature of material, machinery etc., needed from—(a) abroad and (b) locally*—Nil.

12. *Any other remarks or information.*—Two statements showing—

	Rs.
(*a*) sanctioned, but unexecuted schemes. Estimated cost ...	1,30,192
and	
(*b*) schemes for which plans and estimates are ready or under preparation. Estimated cost.	3,49,941

are attached. All the schemes in statement (*a*) and some schemes from statement (*b*) may be taken up during the first-five-year period in consultation with local officers of the districts concerned.

NATIONAL ARCHIVES OF INDIA

I. *Statement showing sanctioned but unexecuted schemes for reclamation of Khar and Khajan Lands.*

Serial No.	District.	Taluka.	Name of work.	Estimated cost at 1938-39 + 50 per cent.	Estimated cost at 1938-39 + 100 per cent.	Remarks.
1	2	3	4	5	6	7
				Rs.	Rs.	
1	Thana ...	Bhiwandi ...	Special repairs to Moti Khar bund at Kevani.	15,072	20,096	Administratively approved in Government R. D. letter No. 4374/B-33 of 3rd September 1945.
2	Do. ...	Do. ...	Reclamation of lands in Bhiwandi Taluka.	22,900	30,553	These schemes investigated by Special Officer, Khar and Khajan lands, Thana, have been sanctioned in Government Resolution, R. C. D., No. 9294/39, dated 8th November 1945.
3	Do. ...	Dahanu ...	Reclamation of lands in Dahanu Taluka.	5,100	6,800	
4	Do. ...	.....	Special repairs to Khar Bund at Kharbav.	54,572	72,763	Revised estimate amounting to Rs. 54,572 sent to Commissioner, Northern Division, for obtaining administrative approval of Government in the Revenue Department.
			Total ...	97,644	1,30,192	

NATIONAL ARCHIVES OF INDIA

II. *Statement showing additional schemes for reclamation of Khar and Khajan lands for which plans and estimates are ready or under preparation.*

Serial No.	District.	Taluka.	Name of work.	Estimated cost at 1938–39 + 50 per cent.	Estimated cost at 1938–39 + 100 per cent.	Remarks.
1	2	3	4	5	6	7
				Rs.	Rs.	
1	Broach	... Wagra	... Proposed extension of Harinagar bund.	4,835	6,447	Plans being submitted by the Executive Engineer to the Collector for sanction.
2	Do.	... .	Proposed bund at Bavewa Khadi at Amalsad (Sari-Bujrog).	25,000	33,333	Plans and estimates are under preparation.
3	Kolaba	... Pen	... Special repairs to Khari land bund at Bemavale.	24,936	33,248	Plans and estimates have been sent to the Collector of Kolaba by the Superintending Engineer, Northern Circle, for further disposal.
4	Do.	... Do.	... Special repairs to Khari land bund at Rawe.	36,227	48,303	Plans and estimates have been sent to the Collector of Kolaba by the Executive Engineer, South Thana Division, for further disposal.
5	Broach	... Amod	... Reclamation bund at Machhasara	1,71,458	2,28,610	Plans and estimates ready but not approved administratively.
			Total ...	2,62,456	3,49,941	
			Grand Total ...	3,60,100	4,80,133	

NATIONAL ARCHIVES OF INDIA

EDUCATION.

(SCHEMES 78 TO 110).

The Cabinet's allocation for the head of development 'Education' over five years is Rs. 16,83,51,000. The cost of Educational Department schemes comes to Rs. 16,70,11,639 leaving a surplus of Rs. 13,39,361. This will be diverted to meet the additional expenditure of Rs. 12,67,218 on schemes Nos. 200 and 204 which are administered by the Educational Department, and the balance to meet additional expenditure on other Educational schemes.

NATIONAL ARCHIVES OF INDIA

NATIONAL ARCHIVES OF INDIA

SCHEME No. 78 (12):

1. *Department.*—Educational.

2. *Scheme.*—Expansion of the College of Engineering, Poona.

3. *Brief description of the scheme.*—The College of Engineering, Poona, has been expanded by increasing the annual admissions to the Degree as well as to the Diploma classes from 100 to 150 with effect from June 1944 to meet the Public Works Department demand for Engineers.

4. *Areas selected for application.*—Poona.

5. *Other departments concerned.*—Public Works Department.

6. *Upper staff for*—
(*a*) *planning*
(*b*) *execution.*
} *Vide* appended Statement I.

7. *Lower staff for*—
(*a*) *planning*
(*b*) *execution*
} *Vide* appended Statement II.

8. *How staff to be obtained.*— { *Upper*—By promotion or recruitment.
Lower—By recruitment.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Capital ...	2,00,000	8,97,000	.....	.....	.....	10,97,000
Recurring	1,83,000	1,85,000	1,86,000	1,88,000	1,89,000	9,31,000
Total ...	3,83,000	10,82,000	1,86,000	1,88,000	1,89,000	20,28,000

10. *To what extent is the scheme productive and/or cost recoverable.*—Receipts from fees will be Rs. 4,50,000 at the rate of Rs. 90,000 p.a.

11. *Nature of material, machinery, etc., needed from*—

(*a*) *abroad.*—Plant and equipment such as lathes, machines and electric goods purchased through the Stores Purchase Organisation.

(*b*) *locally.*—Apparatus and other minor equipment purchased through the Stores Purchase Organisation. Furniture.

12. *Any other remarks or information.*—Nil.

MO-I Bk H 441—12

NATIONAL ARCHIVES OF INDIA

STATEMENT I.

Upper additional staff in connection with the expansion of the College of Engineering, Poona.

Department.	1944-45.	1945-46.	1946-47.	1947-48.
(1) Workshop ...	2 Assistant Lecturers on Rs. 135—8—215.	1 Lecturer in the B.E.S. Class II (Rs. 170—300).	1 Blacksmith on Rs. 70—5—100. 2 Fitters do. 3 Masons do. 1 Tin and Copper-smith. do. 1 Moulder do. 2 Turners do. 1 Store-keeper on Rs. 40—4—80—efficiency bar—5/2—120. 1 Mechanical Draftsman on Rs. 80—5—150. 1 Beltman on Rs. 35—1—50. 1 Electrician on Rs. 70—5—100.	
	3 Skilled Artisans, Rs. 70—5—100.	1 Assistant Lecturer on Rs. 135—8—215. 2 Skilled Artisans on Rs. 70—5—100.		
(2) Civil Engineering ...	2 Assistant Lecturers on Rs. 135—8—215.	1 Professor in the B. E. S. Class I (Rs. 300—900).	1 Lecturer in B. E. S. Class II	.....
	2 Demonstrators on Rs. 135—8—215.	2 Lecturers in the B. E. S. Class II (Rs. 170—500).		
	1 Curator on Rs. 65—3/2—95	4 Demonstrators on Rs. 135—8—215.		
(3) Applied Mechanics ...	1 Lecturer in B. E. S. Class II	1 Professor in B. E. S., Class I.	.....	1 General Mechanic on Rs. 70—3—130. 1 Laboratory Assistant Grade I, on Rs. 70—5—100. 1 Laboratory Assistant, Grade II, on Rs. 50—2—58—3—85.
		2 Lecturers in B. E. S. Class II.		
	1 Assistant Lecturer on Rs. 135—8—215 upto 31st May 1945.	1 Lecturer in Mathematics in B. E. S. Class II (by conversion of Assistant Lecturer's post).		

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(4) Mechanical Engineering ...	1 Assistant Lecturer on Rs. 135—8—215.	1 Professor in the B. E. S. Class I.	1 Assistant Lecturer on Rs. 135—8—215.	3 Demonstrators on Rs. 135—8—215.
	1 Assistant Lecturer upto 31st May, 1945.	1 Lecturer in B. E. S. Class II	1 Wireman on Rs. 40—2—60.	
	1 Draftsman on Rs. 200—10—300.	1 Store-keeper on Rs. 60—3—75.		
	1 Skilled Artisan on Rs. 70—5—100.			
(5) Electrical Engineering ...	2 Assistant Lecturers on Rs. 135—8—215.	1 Professor in B. E. S. Class I.	1 Assistant Lecturer on Rs. 135—8—215.	1 Lecturer in B. E. S. Class II.
	1 Skilled Artisan on Rs. 70—5—100.	1 Skilled Artisan on Rs. 70—5—100.	2 Demonstrators on Rs. 135—8—215.	1 Draftsman on Rs. 200—10—300.
			1 Technical Assistant on Rs. 130—5—180.	
(6) Chemistry and Geology	.....	1 Lecturer in B. E. S. Class II	1 Assistant Lecturer on Rs. 130—10—200.	.....
			1 Mistry Mechanic on Rs. 70—5—100.	
(7) Office and Library ...	2 Clerks on Rs. 25—5/2—55... 1 Library Assistant on Rs. 25—5/2—55 upto 31st May 1945.	1 Librarian on Rs. 80—5/2—105—5—145. 1 Clerk on Rs. 25—5/2—55.	.....	.....

Mo-1 Bk H 441—12a

NATIONAL ARCHIVES OF INDIA

STATEMENT II.

Lower additional staff in connection with the expansion of the College of Engineering, Poona.

Department.	1944-45.	1945-46.	1946-47.	1947-48.
(1) Workshop ...	3 Machine attendants on Rs. 20—1—30.	.....	6 Machine attendants on Rs. 20—1—30. 7 Machine attendants on Rs. 15—1—20.	.....
(2) Civil Engineering ...	1 Machine attendant on Rs. 20—1—30. 2 Survey Instrument attendants on Rs. 20—1—30 1 Laboratory attendant on Rs. 20—1—30.	.....	.....	.....
(3) Applied Mechanics ...	1 Machine attendant on Rs. 20—1—30.	.....	.....	4 Machine attendants Grade I, on Rs. 20—1—30.
(4) Mechanical Engineering...	2 Machine attendants on Rs. 20—1—30.	.....	....	3 Machine attendants Grade I, on Rs. 20—1—30. 5 Machine attendants Grade II, on Rs. 15—1—20.
(5) Electrical Engineering ...	2 Machine attendants on Rs. 20—1—30. 1 Laboratory Assistant on Rs. 20—1—30.	.....	.....	.....
(6) Chemistry and Geology	2 Laboratory Assistants on Rs. 20—1—30.	.....	1 Hamal on Rs. 15 ...	.....
(7) Office and Library ...	2 Hamals on Rs. 16 ...	1 Hamal on Rs. 16 ... 2 Sweepers on Rs. 14 and Rs. 13.	.....	2 Peons on Rs. 17.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 79 (13 AND 96).

1. *Department.*—Educational.

2. *Scheme.*—Training of Primary Teachers.

3. *Brief description of the scheme.*—It is proposed to increase the output of trained teachers by expanding the existing Training Institutions and opening 13 new Training Colleges—7 for Men and 6 for Women—during the 5 years from 1947–48, in addition to the 3 Training Colleges for Men already opened from 1945–46 in Satara, Kolaba and Bijapur districts. Each Training College will turn out at least 80 trained teachers every year. The Colleges will be located in rented buildings till separate buildings are constructed for them. Teachers under training will either receive their pay from the Local Authority concerned or stipends from Government at Rs. 15 per month. Each College will have a hostel for some 160 students and a Practising school. It is also proposed to introduce training of two Crafts, viz., Agriculture and Spinning and Weaving in each Training College for Men (old as well as new). For this purpose a farm of about 8 to 10 acres will be attached to each such college.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Nil.

6. *Upper staff for—*

(*a*) *planning.*—Nil.

(*b*) *execution.*—A. *From 1947–48 : for 7 Colleges for Men.*

7 Principals in B.E.S. Class II—Rs. 170–500.
56 Trained graduates Men Rs. 45–175.
14 Clerks on Rs. 25–5/2–55.
7 Craft teachers on Rs. 40–60.
7 Assistant Craft teachers on Rs. 25–40.
7 Field Assistants.
21 Part-time teachers for Music, Drawing and Hindustani Rs. 30 per month.

B. *From 1949–50 : for 6 Colleges for Women.*

6 Lady Superintendents.
48 Trained graduates Women—Rs. 85–175.
12 Clerks on Rs. 25–5/2–55.
18 Part-time teachers for Music, Drawing and Hindustani on Rs. 30 per month.

C. *For 3 Colleges already opened.*

3 Principals in B.E.S. Class II—Rs. 170–500.
24 Trained graduates—Rs. 45–175.

7. *Lower staff for—*

(*a*) *planning.*—Nil.

(*b*) *execution.*—A. *From 1947–48.*

147 Inferior servants on Rs. 13 to Rs. 18 per month.
(21 for each institution—9 for the college and 12 for the hostel).
7 Farm servants on Rs. 15 per month.

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B. *From* 1949–50

126 Inferior Servants for 6 colleges for Women on pay Rs. 13 to to Rs. 18 per month.

C. *For 3 Colleges already opened—*

9 Part-time teachers on Rs. 30 per month. 3 for Music, 3 for Hindustani and 3 for Drawing.
6 Clerks.
3 Craft teachers—Rs. 40–50.
3 Assistant craft teachers—Rs. 25–40.
3 Field Assistants Rs. 35–60.
9 Primary teachers on—Rs. 30–75.
63 inferior servants on pay of Rs. 13 to Rs. 18 (9 for each college and 12 for each college hostel).
3 Farm servants on Rs. 15 per month each.

8. *How staff to be obtained.*—Upper staff by promotion or transfer. Lower staff by recruitment.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.—*

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Capital ...	21,53,000	10,13,000	10,90,000	10,00,000	.....	52,56,000
Recurring ...	6,43,900	8,05,000	11,40,000	12,54,500	12,61,500	51,04,900
Total ...	27,96,900	18,18,000	22,30,000	22,54,500	12,61,500	1,03,60,900
Average recurring—	Rs. 14,40,000					

10. *To what extent is the scheme productive and/or cost recoverable.*—Nil.

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.*—Nil.

(*b*) *locally.*—Class room furniture and equipment.

12. *Any other remarks or information.—*

NATIONAL ARCHIVES OF INDIA

SCHEME No. 80 (14).

1. *Department.*—Educational Department (Industries).

2. *Scheme.*—Training of Technical Personnel in connection with the Electric Grid scheme.

3. *Brief description of the scheme.*—The scheme is meant for training at the Victoria Jubilee Technical Institute of electricians and other technical personnel in connection with the Electrical Grid scheme. A large number of Electricians will be required in the post-war period in connection with the Electric Grid scheme and to meet these and other requirements, special classes in Mechanical and Electrical Engineering have been started at the Institute since November 1944.

4. *Areas selected for application.*—Bombay.

5. *Other departments concerned.*—Nil.

6. *Upper staff for planning and/or execution of the scheme.*—Nil.

7. *Lower staff.*—

(*a*) *for planning.*—Nil.

(*b*) *for execution.*—

Mechanical :—

Deisgnation.	Scale of Pay. Rs.
1 General Senior Lecturer	250—400
1 Drawing Assistant	110—170
1 Turner Machinist	80—100
3 Instructors	60— 80
3 Hamals	20— 30
3 Laboratory Demonstrators	110—170
3 Manual Assistants...	30— 50
1 Store Clerk	50— 90

Electrical :—

1 Junior Assistant	110—170
1 Laboratory Assistant	40— 50
1 Assistant Mechanic	30— 40
2 Lab. Hamals	20— 30
1 Mechanic	60— 85
1 Senior Assistant	170—250
1 Foreman	80—120
2 Lecturers	250—400

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8. *How staff to be obtained.*—To be entertained by the Institute.

9. *Rough extimates of cost at existing rates for each year of the First Five-Year Plan.*—

——	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
Capital—	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Machinery etc....	2,47,700	50,000	1,97,000	*Nil.*	*Nil.*	4,94,700
Buildings ...	80,000	.....	.....	...	.....	80,000
Recurring ...	51,032	52,938	53,000	53,000	53,000	2,62,970
Total :	3,78,732	1,02,938	2,50,000	53,000	53,000	8,37,670

10. *To what extent is the scheme productive and/or cost recoverable.*—Nil.

11. *Nature of material, machinery, etc., needed from*—

(*a*) *abroad.*—

(1) *Mechanical Department.*—Material testing machines, Heat engines, machine tools, etc.

(2) *Electrical Department.*—Motor generator set, Electrical motors and other electrical equipment, etc.

(*b*) *locally.*—Drawing Boards, stools and other small equipment, etc.

12. *Any other remarks or information.*—The scheme which was sanctioned as a priority scheme has been in operation since November 1944.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 81 (14-B).

1. *Department.*—Educational.

2. *Scheme.*—Scheme for sending Government servants of the Educational Department for training abroad.

3. *Brief description of the scheme.*—With a view to increasing the number of properly trained personnel likely to be required in connection with the various schemes of Educational Development, it is proposed to send Government servants on study leave terms for further training abroad.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Nil.

6. *Upper staff for planning and/or execution of the scheme.*—Nil.

7. *Lower staff for planning and/or execution of the scheme.*—Nil.

8. *How staff to be obtained.—Does not arise.*

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Capital ...	.....	.....	...	.....	.....	.....
Recurring ...	18,000	54,000	90,000	90,000	72,000	3,24,000
Total ...	18,000	54,000	90,000	90,000	72,000	3,24,000

Average Recurring.—Nil.

10. *To what extent is the scheme productive and/or cost recoverable.*—Nil.

11. *Nature of material, machinery, etc. needed from—*
(*a*) *abroad.*—
(*b*) *locally.*— } Nil.

12. *Any other remarks or information.*—It is proposed to depute 4 officers of the Educational Department on study leave terms in each of the four years from 1947–48 for further training abroad either in the United Kingdom or in the United States of America.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 82 (14-C).

1. *Department.*—Educational Department (Industries).

2. *Scheme.*—Sending stipendiary students abroad for advanced studies in technical and scientific subjects.

3. *Brief description of the scheme.*—With a view to increasing the supply of properly trained personnel likely to be required in connection with the various plans of post-war development, the Government of India have decided, pending the extension of facilities for advanced technical instruction in India, to make arrangements immediately to send abroad a certain number of students, at Government expense, for advanced courses in technical and scientific subjects directly related to the probable post-war needs. As part of this scheme, the Government of Bombay has decided to send students for training in various courses of studies.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—General, Public Works, Revenue, Reconstruction and Home Departments.

6. *Upper staff for planning and/or execution of the scheme.*—Nil.

7. *Lower staff for planning and/or execution of the scheme.*—Nil.

8. *How staff to be obtained.*—Does not arise.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Capital ...	3,82,800	4,61,360	4,61,360	4,61,360	4,61,360	22,28,240

10. *To what extent is the scheme is productive and/or cost recoverable.*—

11. *Nature of material, machinery, etc., needed from*—

(*a*) *abroad.*—
(*b*) *locally.*— } Nil.

12. *Any other remarks or information.*—Originally it was decided to send 30 stipendiary students abroad during the year 1945–46. This number was reduced to 20 in view of the difficulties experienced in securing admissions at the overseas institutions. Forty scholarships have been sanctioned during 1946–47. The estimates of expenditure are based on the assumption that 40 students will be sent abroad every year from 1946–47 onwards. Every endeavour will be made to find gazetted appointments under the Government or other employment for all students who satisfactorily complete the approved course of studies. Selection for an approved course of study does not, however, carry with it any guarantee of employment and appointment in Government service will be governed by the rules and regulations in force at the time.

2. The scheme includes training abroad in distillery management etc. (originally shown as Scheme 205) at an estimated cost (capital) of Rs. 10,600.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 83 (14-D)

1. *Department.*—Educational Department (Industries).

2. *Scheme.*—Training abroad of higher technical personnel for post-war industrial development.

3. *Brief description of the scheme.*—With a view to increasing the supply of well-trained personnel in connection with the post-war development schemes of Government, it has been decided to depute overseas some of the technical officers of this Department to undergo practical training in certain industrial plants and manufacture, designing and erection of machines, accessories, etc., appertaining to various industries.

4. *Areas selected for application.*—

5. *Other departments concerned.*—

6. *Upper staff for planning and/or execution of the scheme.*—

7. *Lower staff for planning and/or execution of the scheme.*—Nil.

8. *How staff to be obtained.*—

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Expenditure on training, passage, equipment, etc.	40,144	40,144	40,144	40,144	40,144	2,00,720

Note.—Expenditure from the second year onwards, which has been estimated on the basis of expenditure in the first year, is likely to vary, as it will depend upon the number of candidates to be sent and their emolument.

* In addition to the above, the candidates will also be eligile for Travelling Allowance and Dearness Allowance in the U. K. or U. S. A. in accordance with the India Office Travelling Allowance Rules.

10. *To what extent is the scheme productive and/or cost recoverable.*

11. *Nature of material, machinery, etc., needed from*—

(*a*) *abroad.*—Nil.
(*b*) *locally.*—Nil.

12. *Any other remarks or information.*—Nil.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 84 (41 and 105).

1. *Department.*—Educational.

2. *Scheme.*—Strengthening of the Inspecting Staff.

3. *Brief description of the scheme.*—In view of the proposed introduction of compulsory elementary education in all places having a population of 1,000 and over from June 1947, it is proposed to strengthen the existing staff in the whole Province by the creation of 220 additional posts of Assistant Deputy Educational Inspectors (180 for men and 40 for women) during the five years from 1947–48.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Nil.

6. *Upper staff for—*
   (*a*) *planning.*—Nil.
   (*b*) *execution.*—180 trained graduates (Men)—Rs. 45—175 ; 40 Trained graduates (Women)—Rs. 85—175.

7. *Lower staff for—*
   (*a*) *planning.*—Nil.
   (*b*) *execution.*—220 peons on pay ranging from Rs. 14 to Rs. 17 p. m. each.

8. *How staff to be obtained.—*

   Upper.—By transfer from Government Secondary Schools or Training Institutions or by recruitment.

   Lower.—By recruitment as far as possible from returned soldiers.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.—*

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Capital (equipment and furniture). ...	6,000	4,500	4,500	3,500	3,500	22,000
Recurring ...	94,605	1,92,300	2,86,365	3,67,100	4,44,070	13,84,440
Total ...	1,00,605	1,96,800	2,90,865	3,70,600	4,47,570	14,06,440

Average recurring cost at the end of five years Rs. 4,50,000.

NATIONAL ARCHIVES OF INDIA

10. *To what extent is the scheme productive and/or cost recoverable.*—Nil.

11. *Nature of material, machinery etc., needed from—*

(*a*) *abroad.*—Nil.

(*b*) *locally.*—Furniture costing about Rs. 100 for each Inspecting Officer.

12. *Any other remarks or information.*—The existing Inspecting Staff is inadequate to exercise effective and efficient supervision over Primary Schools. At present one Inspecting Officer has to inspect about 80 schools a year. Owing to the proposed introduction of compulsion from June 1947 in all villages having a population of 1,000 and over, the opening of schools in schoolless villages with a population of more than 400 and the opening of more village libraries, it will be necessary to strengthen the existing Inspecting Staff. It is, therefore proposed for the present to create 60, 45, 45, 35 and 35 additional posts of Inspecting Officers during each of the 5 years from 1947–48, so that each Inspecting Officer will have a smaller number of schools to inspect and will be able to maintain continuous contact by more frequent visits to schools and to guide the teachers.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 85 (42).

1. *Department.*—Educational Department (Industries).
2. *Scheme.*—Institution of a Degree Course in Textile Manufacture.
3. *Brief description of the scheme.*—The scheme provides for training of students at the Victoria Jubilee Technical Institute with a view to preparing them for the Textile course leading to the degree of Bachelor of Textiles.
4. *Areas selected for application.*—Bombay.
5. *Other departments concerned.*—Nil.
6. *Upper staff for planning and/or execution of the scheme.*—

	Scale of Pay. Rs.
1 Reader in Spinning	500—1,000
1 Reader in Weaving	500—1,000
1 Senior Lecturer in Textile Physics ...	...300—25—500

7. *Lower staff*—
   (*a*) *for planning.*—Nil.
   (*b*) *for execution.*—

	Scale of Pay. Rs.
1 Lecturer in Textile Chemistry ...	...170—10—350
1 Lecturer in Textile Engineering ...	...170—10—350
1 Lecturer in Textile Spinning	...170—10—350
1 Lecturer in Textile Weaving	...170—10—350
1 Lecturer in Textile Design	...170—10—350
1 Part-time Lecturer in Economics ...	...150
1 Part-time Lecturer in German ...	...600 p. a.
2 Instructors for Spinning and Weaving Laboratories...	80— 5—150
6 Operatives	40— 2— 50
2 Laboratory Attendants	50—5/2 75

8. *How staff to be obtained.*—To be entertained by the Institute.
9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Capital—						
(*a*) Machinery etc.	1,03,300	1,00,000	87,000	.....	.....	2,90,300
(*b*) Buildings ...	.....	.....	.....	.....	...	.....
Recurring ...	53,000	53,000	53,000	53,000	53,000	2,65,000
Total ...	1,56,300	1,53,000	1,40,000	53,000	53,000	5,55,300

10. *To what extent is the scheme productive and/or cost recoverable.*—Nil.
11. *Nature of material, machinery, etc., needed from*—
    (*a*) *abroad.*—Roller gin, saw gin, looms, schinel machine, hosiery plant, etc.
    (b) *locally.*—Laboratory desks, tables etc.
12. *Any other remarks or information.*—The scheme is under execution since June, 1946.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 85-A.

1. *Department.*—Educational Department (Industries).

2. *Scheme.*—Establishment of a Degree Course in Engineering at the Victoria Jubilee Technical Institute, Bombay.

3. *Brief description of the scheme.*—For the industrial expansion of this Province, a large number of Engineering graduates is necessary. With a view to training 40 students every year in addition to the normal strength of diploma students, it is proposed to given non-recurring and recurring grants to the Victoria Jubilee Technical Institute to enable it to start the Bachelor of Engineering Degree Course in Mechanical and Electrical Engineering Combined.

4. *Areas selected for application.*—Bombay.

5. *Other departments concerned.*—Nil.

6. *Upper staff for planning and/or execution of the scheme.*—Nil.

7. *Lower staff for planning and/or execution of the scheme.*—Details are being examined in consultation with the Public Works Department and the Finance Department.

8. *How staff to be obtained.*—To be recruited and entertained by the Victoria Jubilee Technical Institute, Bombay.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
Capital	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) Machinery etc.	1,11,000	1,11,000	.....	.....	.....	2,22,000
(*b*) Buildings ...	1,29,000	.....	.....	.....	.....	1,29,000
Recurring ...	.....	.....	53,000	53,000	53,000	1,59,000
Total ...	2,40,000	1,11,000	53,000	53,000	53,000	5,10,000

10. *To what extent is the scheme productive and/or cost recoverable.*—Nil.

11. *Nature of material, machinery, etc., needed.*—Details are being examined.

12. *Any other remarks or information.*—The scheme is being examined in consultation with the Finance and Public Works Departments. It is proposed to continue the recurring grant of Rs. 53,000 upto 1953-54.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 86 (64).

1. *Department.*—Educational Department (Industries).

2. *Scheme.*—Industrial School, Satara.

3. *Brief description of the scheme.*—It is proposed to re-organise the Industrial School at Satara as a modern high grade institution.

The following subjects will be taught at the school:—

(*i*) Mechanical Apprenticeship.

(*ii*) Carpentry.

(*iii*) Agricultural Carpentry and Smithy.

(*iv*) Handloom Weaving.

(*v*) Rope making.

4. *Areas selected for application.*—Satara.

5. *Other departments concerned.*—Public Works Department in respect of the preparation of the plans and estimates for the school buildings.

6. *Upper staff for planning and/or execution of the scheme.*—The Deputy Director of Industries for planning and execution of this scheme along with the other industrial schemes.

7. *Lower staff for planning and/or execution of the scheme.*—

Staff	Scale of pay.
	Rs.
One Fitter	60—3—75
One Turner and Machinist	60—3—75
One Agricultural Smith and Carpenter	60—3—75
One Moulder	35—2—45
One Assistant Handloom Instructor	35—2—45
One Hamal	14 p. m.
For Rope Making—	
One Instructor (Theoretical)	70—3—130
One Instructor (Practical)	70—3—130
One Assistant Instructor	60—3— 75
One Stitching Master	35—2— 45
One Mechanic	60—5/2 75
One Hamal	14

8. *How staff to be obtained.*—By advertisement.

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9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.—*

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital*—						
Buildings ...	2,00,700	.....	.....	.....	.....	
Equipment ...	49,500	.....	.....	.....	.....	2,50,200
Hostel Buildings.	.....	.....	.....	.....	.....	
(*b*) *Recurring*—						
Staff (average cost per annum)	8,540	8,540	8,540	8,540	8,540	42,700
Contingencies ...	4,000	4,000	4,000	4,000	4,000	20,000
Temporary additional pay.	1,095	1,100	1,100	1,260	1,260	5,815
Dearness Allowance ...	2,922	2,922	2,922	2,922	2,922	14,610
Total ...	2,66,757	16,562	16,562	16,722	16,722	3,33,325

10. *To what extent is the scheme productive and/or cost recoverable.—*

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.*—Lathes, planning machine, taping machine, weaving drilling machine, tool grinder, twestel grinder, stolling machine, scraping machine, dyes, vices etc., and machine tools which may not be available in India.

(*b*) *locally.*—Working benches and other small equipment.

12. *Any other remarks or information.*—The scheme has been administratively approved as a post-war reconstruction measure. The details of the scheme are tentative, and are under consideration of Government. The returned soldiers can also take advantage of the scheme.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 87 (65).

1. *Department.*—Educational Department (Industries).

2. *Scheme.*—Industrial School, Hubli.

3. *Brief description of the scheme.*—It is proposed to start an Industrial School at Hubli on a higher standard. The following subjects will be taught at the school :—

(*i*) Mechanical Apprenticeship.

(*ii*) Carpentry.

(*iii*) Agricultural Carpentry and Smithy.

4. *Areas selected for application.*—Hubli.

5. *Other departments concerned.*—The Public Works Department in respect of the preparation of plans and estimates for buildings.

6. *Upper staff for planning and/or execution of the scheme.*—The Deputy Director of Industries for planning and execution of this scheme along with the other industrial schemes.

7. *Lower staff for planning and/or execution of the scheme.*—

Staff.		Scale of Pay.
		Rs.
One Superintendent	...	130—10—200
One Technical Draughtsman	...	70—3—130
One Fitter	...	60—3—75
One Turner and Machinist	...	60—3—75
One Smith	...	35—2—45
One Moulder	...	35—2—45
One Carpentry Instructor	...	60—3—75
One Assistant Carpentry Instructor	...	35—2—45
One Clerk	...	25—5/2—55
One Agricultural Smith and Carpenter	...	60—3—75
Two Hamals	...	14 per mensem each
One Peon	...	15 per mensem

8. *How staff to be obtained.*—By advertisement.

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9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.—*

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital*—						
Buildings ...	2,00,700	.....	.....	.....	.....	2,50,200
Equipment, etc.	49,500	.....	.....	.....	.....	
Hostel Building.	.....	.....	.....	2,96,256	.....	2,96,256
(*b*) *Recurring*—						
Staff (average cost per annum) ...	9,468	9,468	9,468	9,468	9,468	47,340
Contingencies ...	7,000	7,000	7,000	7,000	7,000	35,000
Scholarships ...	3,600	3,600	3,600	3,600	3,600	18,000
Temporary additional pay ...	1,045	1,140	1,140	1,320	1,320	5,965
Dearness allowance ...	3,003	3,300	3,312	3,408	3,432	16,455
Total ...	2,74,316	24,508	24,520	3,21,052	24,820	6,69,216

10. *To what extent is the scheme productive and/or cost recoverable.—*

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.*—Electrically driven machines, fitters' vices, hearths, machine tools, micrometer, surface plates, etc., which may not be available in India.

(*b*) *locally.*—Working benches and other small equipment.

12. *Any other remarks or information.*—The scheme has been administratively approved as a post-war reconstruction measure. The School will be housed in the premises proposed to be constructed for the purpose and will be run for the first few years side by side with the Government of India's Technical Training Scheme for demobilised services personnel. The returned soldiers can take advantage of the scheme.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 88 (66).

1. *Department.*—Educational Department (Industries).

2. *Scheme.*—Industrial School, Bijapur.

3. *Brief description of the scheme.*—It is proposed to start an Industrial School at Bijapur on a higher standard. The following subjects will be taught at the school :—

(*a*) Mechanical Apprenticeship.

(*b*) Carpentry.

(*c*) Agricultural Carpentry and Smithy.

4. *Areas selected for application.*—Bijapur.

5. *Other departments concerned.*—The Public Works Department for the preparation of plans and estimates for buildings and the Revenue Department for making available Government land.

6. *Upper staff for planning and/or execution of the scheme.*—The Deputy Director of Industries for planning and execution of this scheme along with other industrial schemes.

7. *Lower staff for planning and/or execution of the scheme.*—

Staff.		Scale of pay.
		Rs.
One Superintendent	...	130—10—200
One Technical Draughtsman	...	70—3—130
One Fitter	...	60—3—75
One Turner and Machinist	...	60—3—75
One Smith	...	35—2—45
One Carpentry Instructor	...	60—3—75
One Moulder	...	35—2—45
One Assistant Carpentry Instructor	...	35—2—45
One Agricultural Smith and Carpenter	...	60—3—75
One Clerk	...	25—5/2—55
Two Hamals	...	14 per mensem each
One Peon	...	15 per mensem

8. *How staff to be obtained.*—By advertisement.

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9. *Rough estimates of cost at existing rates for each year of the First Five-year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
(*a*) *Capital*—						
Buildings ...	2,00,700	.....	.....	.....	.....	2,50,200
Equipment ...	49,500	.....	.....	.....	.....	
Hostel building ...	.....	.....	.....	.....	.....	.....
(*b*) *Recurring*—						
Staff (average cost per annum) ...	9,468	9,468	9,468	9,468	9,468	47,340
Contingencies ...	7,000	7,000	7,000	7,000	7,000	35,000
Scholarships ...	3,600	3,600	3,600	3,600	3,600	18,000
Temporary additional pay.	1,045	1,140	1,140	1,320	1,320	5,965
Dearness Allowance ...	3,003	3,300	3,312	3,408	3,432	16,455
Total ...	2,74,316	24,508	24,520	24,796	24,820	3,72,960

10. *To what extent is the scheme productive and/or cost recoverable.*—

11. *Nature of material, machinery, etc., needed from*—

(*a*) *abroad.*—oil engine, pump, cutting tradle machine, anvils, etc., which may not be available locally.

(*b*) *locally.*—Working benches and other small equipment.

12. *Any other remarks or information.*—The scheme was sanctioned as a new item of expenditure for the year 1946–47 and dropped from the Post-War Recon struction Programme. It was not possible to start the school during 1946–47 due to non-availability of suitable premises to house the school and the workshop. Since this school will be run on the lines of the two sister schools to be organised at Satara and Hubli as sanctioned in the Post-War Reconstruction Programme, the scheme has been reincluded in the Post-War Reconstruction Programme.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 89 (70).

1. *Department.*—Educational Department (Industries).

2. *Scheme.*—Re-organisation of the R. C. Technical Institute, Ahmedabad.

3. *Brief description of the scheme.*—Ahmedabad being a big textile centre, it is proposed to reorganise the R. C. Technical Institute for teaching the following diploma courses :—

(*a*) Combined course in Mechanical and Electrical Engineering.
(*b*) Combined course in Cotton Spinning and Weaving.
(*c*) Combined course in Bleaching, Dyeing etc.

The duration of the above courses would be four years in each case. During the fourth year, i.e., before taking the final diploma the candidates will be required to undergo six months' practical work in Industry. The scheme is to be carried out out in three stages.

4. *Areas selected for application.*—Ahmedabad.

5. *Other departments concerned.*—Public Works Department for the preparation of plans and estimates for buildings.

6 and 7. *Upper and Lower staff for planning and/or execution of the scheme.*—

(*a*) The Deputy Director of Industries for planning and execution of this scheme along with the other industrial schemes.

(*b*) *For execution :—*

Designation.	Number of posts.	Scales of pay.
		Rs.
Principal	1	300—900 (starting pay Rs. 450.
(1) *Engineering Department.*		
Head of the Engineering, Department—Principal.		
(*a*) *Mechanical Engineering Section—*		
Head of the Mechanical Engineering Section on Rs. 310	1	170—500
Lecturer	1	170—10—250
Laboratory Demonstrator	1	100—10—170
Foreman Instructor	1	100—10—170
Mechanics	6	70—5—100
Engine and Boiler Attendant	1	70—5—100.
Oilman	1	25—1—35
(*b*) *Electrical Engineering Section—*		
Head of the Electrical Section on Rs. 310	1	170—500
Lecturer	1	170—10—250
Electrical Laboratory Demonstrator	1	100—10—170
Laboratory Assistants	2	70—5—100
Mathematics Teacher	1	100—10—170

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Designation.	Number of posts	Scale of pay.
		Rs.
(2) *Textile Department.*		
Head of the Textile Section on Rs. 310	1	170—500
Lecturer (Weaving)	1	170—10—250
Lecturer (Spinning)	1	170—10—250
Foreman Instructor (Weaving)	1	100—10—170
Section operatives and Fitters	6	70—5—100.
(3) *Dyeing, Bleaching and Finishing Department.*		
Head of the Dyeing, Bleaching Section on Rs. 310 ..	1	170— —500
Lecturer-	1	170—10—250
Laboratory Assistant	1	70—5—100.
English and Economic Teacher	1	100—10—170
(4) *Non-Technical Staff.*		
Head Clerk	1	95—5—125
Accountant	1	80—5/2—100
Senior Clerk	1	60—5/2—75
Junior Clerk	1	25—5/2—55
Peons	3	1 on Rs. 19 and 2 on Rs. 18 per mensem.
ADDITIONAL STAFF FOR SECOND YEAR.		
(1) *Engineering Department.*		
(*a*) *Mechanical Engineering Section*—		
Drawing Assistant	1	170—10—250
Mechanic	1	70—5—100
(*b*) *Electrical Engineering Section*—		
Senior Lecturer on Rs. 250	1	150—400
(2) *Dyeing, Bleaching, and Finishing Department.*		
Lecturer	1	170—10—250
Laboratory Demonstrator	1	100—10—170
Laboratory Assistant	1	70—5—100
(3) *Non-Technical Staff.*		
Store-keeper	1	60—5/2—75
Librarian	1	60—5/2—75

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Designation.	Number of posts.	Scale of pay.
ADDITIONAL STAFF FOR THIRD YEAR.		Rs.
(1) *Engineering Department.*		
(*a*) *Mechnaical Engineering Section*—		
Senior Lecturer on Rs. 250	1	150—400
Assistant Mechanics	2	60—2—80
(*b*) *Electrical Engineering Section.*—		
Foreman Instructor	1	100—10—170
(2) *Textile Department.*		
Foreman Instructor (Spinning)	1	100—10—170
Assistant Section operatives and Fitters	2	70—5—100
(3) *Dyeing, Bleaching and Finishing Department.*		
Foreman Instructor	1	100—10—170
ADDITIONAL STAFF FOR FOURTH YEAR.		
(1) *Textile Department.*		
Senior Lecturer on Rs. 250	1	150— —400

STAFF TO BE PAID FROM CONTINGENCIES.

Designation.	Number of posts.	Scale of pay.
First Year—		Rs.
(1) *Engineering Department.*		
(*a*) *Mechanical Engineering Section*—		
Hamals	4	20—1—30
(*b*) *Electrical Engineering Section*—		
Hamals	3	20—1—30
(2) *Textile Department.*		
Hamals	4	20—1—30
(3) *Dyeing, Bleaching and Finishing Department.*		
Hamals	3	20—1—30
(4) *Non-Techanical Staff.*		
Watchman	3	17 per mensem.
Watchman	1	15 per mensem.
Gardeners	2	20 per mensem.
Hamal for Hostel	1	17 per mensem.
Sweepers	2	1 on 16 and 1 on 15 per mensem.

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Designation.	Number of posts.	Scale of pay.
		Rs.
Second Year—		
(1) *Engineering Department.*		
(*a*) *Mechanical Engineering Section—*		
Hamals	2	20—1—30

8. *How staff to be obtained.*—By advertisement.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital—*						
Buildings	6,28,172	73,192	15,000	....	....	7,16,364
Furniture and Fitments ..	5,000	15,000	10,000	....	....	30,000
Equipment	2,66,000	80,000	39,000	....	....	3,85 000
Total Capital ..	8,99,172	1,68,192	64,000	....	....	11,31,364
(*b*) *Recurring—*						
Average cost of staff per annum	....	76,584	91,920	1,04,604	1,08,804	3,81,912
Contingencies, Scholarships, etc.	....	37,920	41,840	46,140	49,340	1,75,240
Dearness and War allowances ..	....	15,048	18,144	21,168	22,032	76,392
Temporary additional pay ..	....	3,900	4,860	5,700	5,700	20,160
Total—Recurring ..	....	1,33,452	1,56,764	1,77,612	1,85,876	6,53,704
Less normal commitment of Government on the existing Scheme	....	68,000	68,000	68,000	68,000	2,72,000
Net Recurring ..	....	65,452	88,764	1,09,612	1,17,876	3,81,704
Grand Total ..	8,99,172	2,33,644	1,52,764	1,09,612	1,17,876	15,13,068

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10. *To what extent is the scheme productive and/or cost recoverable.*—About Rs. 5,400 are expected in the shape of fees in the first year of the re-organisation of the Institute and the realisation from the fourth year will be approximately Rs. 21,000 per annum.

11. *Nature of material, machinery, etc. needed from—*

(*a*) *abroad.*—Spinning and Weaving equipment, dyeing and bleaching plants, electrical equipment, generators, etc., and machine tools.

(*b*) *locally.*—Working benches, small equipment and other fitments.

12. *Any other remarks or information.*—The scheme has been administratively approved as a post-war reconstruction measure. The returned soldiers can take full advantage of the Institute.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 90 (97).

1. *Department.*—Educational.

2. *Scheme.*—Opening of hostels for girls.

3. *Brief description of the scheme.*—It is proposed to open 12 hostels for girls at the rate of 4 hostels every year for the first three years from 1947-48. The hostels will be attached to selected full grade Primary Schools for girls in the whole Province. Each hostel will provide accommodation for 40 to 50 girls under the supervision of a Matron.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Nil.

6. *Upper staff for planning and/or execution of the scheme.*— 12 women trained primary teachers (one to supervise each hostel) in the scale of Rs. 30—1—50—2/2—75 (with free quarters).

7. *Lower staff for planning and/or execution of the scheme.*— 24 cooks on Rs. 15 p. m. each (2 for each hostel).
12 kitchen servants on Rs. 13 p. m. each (1 for each hostel).
12 Kamathis on Rs. 12 p. m. each (1 for each hostel).

8. *How staff to be obtained.*—By recruitment.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Non-recurring ..	4,000	4,000	1,54,000	1,50,000	1,50,000	4,62,000
Recurring ..	17,200	39,600	62,000	67,200	67,200	2,53,200
Total ..	21,200	43,600	2,16,000	2,17,200	2,17,200	7,15,200

Total recurring at the end of 5 years.—Rs. 51,600.

10. *To what extent is the scheme productive and/or cost recoverable.*—Nil.

11. *Nature of material, machinery, etc. needed from—*

(*a*) *abroad.*—Nil.

(*b*) *locally.*—Cooking utensils and furniture.

12. *Any other remarks or information.*—These hostels are intended to encourage girlstocarry on their primary education beyond the elementary stage. Every hostel is expected to cost Rs. 1,000 non-recurring and Rs. 5,600 recurring (inclusive of stipends for about 20 girls in each hostel). Pending the construction of separate buildings, these hostels will be located in rented buildings.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 91 (98).

1. *Department.*—Educational.

2. *Scheme.*—Opening of additional 100 Agricultural Bias Schools and 20 hostels to be attached to central Agricultural Bias Schools.

3. *Brief description of the scheme.*—It is proposed to open 100 Agricultural Bias Schools during the five years 1947–1952 at the rate of 20 schools every year. Each school will be a full-grade school with agricultural bias subjects taught in the higher Standards V-VII. Each school will have a farm of about 5 to 10 acres. It is also proposed to open 20 hostels at the rate of 4 hostels every year and to attach them to central Agricultural Bias Schools.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Agriculture and Revenue.

6. *Upper staff for planning and/or execution of the scheme.*— 100 Trained Primary Teachers. (Rs. 30—1—50—2½—75).
Special allowance of Rs.5—2/3—15 to a teacher with special knowledge of agriculture in each school.
Allowance of Rs. 5 p. m. to each of the other 9 teachers in each school.

7. *Lower staff for planning and/or execution of the scheme.*— 40 Cooks on Rs. 15 p. m. each (2 for each hostel).
20 Kitchen servants on Rs. 13 per mensem (1 for each hostel).
20 Kamathis on Rs. 12 p. m. (1 for each hostel.)

8. *How staff to be obtained.*—By recruitment.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Non-recurring—						
Buildings ..	....	....	2,25,000	2,62,500	2,62,500	7,50,000
School ..	20,000	20,000	20,000	20,000	20,000	1,00,000
Equipment—						
Hostel ..	4,000	4,000	4,000	4,000	4,000	20,000
Recurring—						
School ..	78,000	78,000	78,000	78,000	78,000	3,90,000
	....	1,14,000	2,08,000	3,12,000	4,16,000	10,50,000
Hostel ..	15,600	15,600	15,600	15,600	15,600	78,000
	....	20,000	40,000	60,000	80,000	2,00,000
Total ..	1,17,600	2,51,600	5,90,600	7,52,100	8,76,100	25,88,000

Average recurring cost at the end of 5 years—Rs. 2,84,500.

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10. *To what extent is the scheme productive and/or cost recoverable.*—Each school may yield an income of about Rs. 500 per annum. It will, however, be utilised in improving the school and its equipment.

11. *Nature of material, machinery, etc. needed from.*—

(*a*) *abroad.*—Nil.

(*b*) *locally.*—School furniture and equipment, agricultural tools and implements, cooking utensils and furniture for the hostel.

12. *Any other remarks or information* .—One Agricultural Bias School and a hostel have been opened during 1946-47. It is proposed to ask Local Authorities to convert 20 full grade primary schools into Agriculture Bias Schools every year during the 5 years 1947-52. The extra cost of converting a school into an Agricultural Bias School which is estimated to be Rs. 5,200 recurring and Rs. 1,000 non-recurring, will be borne by Government. It is also proposed to open 4 hostels every year during the 5 years 1947-52 and to attach them to centrally situated Agricultural Bias Schools in places where there is a need of such hostels. Each hostel is intended for 40 to 50 boys and is expected to cost Rs. 1,000 non-recurring and Rs. 5,000 recurring. Some 20 boys in each hostel will be given stipends at Rs. 10 per mensem. One of the Senior teachers will supervise the hostel and will receive an allowance of Rs. 10 p.m. for this additional work. The hostels will be housed in rented buildings to begin with, but separate buildings will be constructed for them during the 3rd to 5 th year if the attendance is encouraging.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 92 (99).

1. *Department.*—Educational.

2. *Scheme.*—Opening of schools in school-less villages with a population between 400 and 1,000.

3. *Brief description of the scheme.*—In pursuance of the policy to provide a school for each school-less village with a population of 400 to 1,000, it is proposed to encourage private bodies to open 1,400 schools in school-less villages having a population of 400 to 700, by payment of direct grants-in-aid at the rates at which grants are paid to voluntary schools. In villages with a population of 700 to 1,000, it is proposed to get some 300 schools opened by District Local Boards on payment of grants-in-aid equal to the actual expenditure on the schools.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Nil.

6. *Upper staff for planning and/or execution of the scheme.*—Some 400 Primary teachers for Local Authority schools only.

7. *Lower staff for planning and/or execution of the scheme.*—Nil.

8. *How staff to be obtained.*—By recruitment.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(a) *Capital* ..	15,000	10,000	5,000	....	....	30,000
(b) *Recurring* ..	2,69,000	4,79,000	6,12,000	6,86,000	7,60,000	28,06,000
Total ..	2,84,000	4,89,000	6,17,000	6,86,000	7,60,000	28,36,000

Average Recurring :—Rs. 7,60,000 at the end of 5 years.

10. *To what extent is the scheme productive and/or cost recoverable.*—Nil.

11. *Nature of material, machinery, etc. needed from—*

(a) *abroad.*—Nil.

(b) *locally.*—Ordinary school furniture and equipment.

12. *Any other remarks or information.*—The cost of a District Local Board school is about Rs. 300 recurring and Rs. 100 non-recurring and it is proposed to have 150, 100 and 50 District Local Board schools opened during the first 3 years. Grants to voluntary agencies are paid on a capitation basis. It is proposed to have 400, 350, 250, 200 and 200 Voluntary schools opened in each of the 5 years.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 93(100).

1. *Department.*—Educational.

2. *Scheme.*—Provision of play-grounds and school farms.

3. *Brief description of the scheme.*—It is proposed to acquire suitable sites for providing play-grounds for Primary Schools, Secondary Schools and Training Institutions and farms for Agricultural Bias Schools, Training Institutions and Agricultural High Schools.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Nil.

6. *Upper staff for planning and/or execution of the scheme.*—Nil.

7. *Lower staff for planning and/or execution of the scheme.*—Nil.

8. *How staff to be obtained.*—Does not arise.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Capital ..	6,00,000	6,00,000	6,00,000	6,00,000	6,00,000	30,00,000
Recurring ..	....	....	....	....	....	....
Total ..	6,00,000	6,00,000	6,00,000	6,00,000	6,00,000	30,00,000

10. *To what extent is the scheme productive and/or cost recoverable.*—Nil.

11. *Nature of material, machinery, etc. needed from—*

(*a*) *abroad.*—
(*b*) *locally.*— } Nil.

12. *Any other remarks or information.*—The area in the case of playing fields will depend upon the size of the school and the site available. It is proposed to provide an Agricultural Bias School with a farm of 2 to 5 acres, an Agricultural High School with a farm of about 20 acres, and a Training College with a farm of about 8 to 10 acres.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 94 (101).

1. *Department.*—Educational.

2. *Scheme.*—Opening of 4 more Agricultural High Schools.

3. *Brief description of the scheme.*—It is proposed to open 4 more Agricultural High Schools in the Province. The Schools are to be opened with standards I to IV in the first year and higher standards are to be added in the succeeding years. During 1946-47 a private high school at Abrama in Surat district has been taken over under Government control and converted into an Agricultural High School. The remaining 3 schools are proposed to be opened at Dhond, Chiplun and Nipani in 1948, 1949 and 1950 respectively.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Agriculture and Revenue.

6. *Upper staff for planning and/or execution of the scheme.*—
4 Head Masters in B. E. S. Class II (Rs. 170-500).
40 Assistant Masters (Trained graduates.) Rs. 45—135.
4 Agricultural Teacher Supervisors—Rs. 45—175.

7. *Lower staff for planning and/or execution of the scheme.*—
8 Agricultural teachers (Rs. 45—175).
4 Clerks (Rs. 25—5/2—55).
4 Accounts clerks (Rs. 60—5/2—75).
8 Field Assistants (Rs. 30—60).
4 Laboratory Hamals (Rs. 19—1/2—29).
36 Inferior servants including farm servants.

8. *How staff to be obtained.*—

Upper staff.—By promotion or recruitment.

Lower staff.—By recruitment as far as possible from returned soldiers.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Capital ..	1,000	29,000	3,18,000	3,24,000	2,99,000	9,71,000
Recurring ..	26,000	51,600	83,500	1,16,000	1,33,500	4,10,600
Total ..	27,000	80,600	4,01,500	4,40,000	4,32,500	13,81,600

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10. *To what extent is the scheme productive and/or cost recoverable.—*

	1st year	2nd year	3rd year.	4th year.	5th year	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Fee receipts ..	12,000	14,520	18,825	24,795	30,045	1,00,185

11. *Nature of material, machinery, etc. needed from—*

(*a*) *abroad.*—Nil.

(*b*) *locally.*—School furniture and equipment, Library books, Science apparatus, Agricultural implements and tools, etc.

12. *Any other remarks or information.*—There are already 4 Agricultural High Schools maintained by Government at Satara, Jalgaon, Bijapur and Godhra. The 4 additional Agricultural High Schools proposed under the scheme will be provided with hostels for some 50 pupils.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 95 (102).

1. *Department.*—Educational.

2. *Scheme.*—Opening of 10 more Technical High Schools.

3. *Brief description of the scheme.*—There are already 2 Technical High Schools maintained by Government at Bombay and Sholapur. It is proposed to open 10 more Technical High Schools (2 in 1948, 2 in 1949, 4 in 1950 and 2 in 1951), so that there may be one Technical High School for every two districts of the Province. Each Technical High School will have a hostel for some 50 pupils attached to it. The buildings of one school and its hostel are estimated to cost Rs. 5 lakhs, while the equipment required for each school is estimated to cost Rs. 1 lakh.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Department of Industries.

6. *Upper staff for*—

(*a*) *planning.*—Nil.

(*b*) *execution.*—10 Head Masters in B.E.S. Class II (Rs. 170—500) (one for each school).

100 Trained graduate teachers (Rs. 45—175) (10 for each school).

10 Engineering Superintendents (Rs. 170—340) (One for each school).

10 Technical Draftsmen (Rs. 70—130) (one for each school).

10 Mechanical Draftsmen (Rs. 70—130) (one for each school).

7. *Lower staff for*—

(*a*) *planning.*—Nil.

(*b*) *execution.*—10 Carpenters Rs. 60—75.

10 Turners Rs. 60—75.

10 Fitters Rs. 60—75.

10 Blacksmiths Rs. 45 per mensem each.

10 Moulders Rs. 45 per mensem each.

10 Electricians Rs. 50—70.

10 Instructors in Wiremen's Class Rs. 40—50.

10 Accounts Clerks Rs. 60—5/2—75.

10 Clerks Rs. 25—5/2—55.

10 Storekeepers Rs. 25—5/2—55.

10 Laboratory Hamals Rs. 19—1/2—29.

10 Oilmen Rs. 25 per mensem each.

120 Inferior servants Rs. 15 per mensem each

8. *How staff to be obtained.*—Upper staff by promotion or recruitment as far as possible from returned personnel. Lower staff by recruitment as far as possible from returned soldiers.

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9. *Rough estimates of cost at existing rates for each year of the First-Year Plan.—*

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(a) *Capital*—						
Buildings ..	10,00,000	10,00,000	20,00,000	10,00,000	....	50,00,000
Equipment ..	....	60,000	1,02,000	2,58,000	2,42,000	6,62,000
(b) *Recurring* ..	....	51,000	1,17,000	2,63,000	3,87,000	8,18,000
Total ..	10,00,000	11,11,000	22,19,000	15,21,000	6,29,000	64,80,000

Average Recurring :—Rs. 4,40,000 at the end of five years.

10. *To what extent is the scheme productive and/or cost recoverable.—*

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Receipts from fees	5,000	13,600	30,600	55,800	1,55,000	2,60,000

11. *Nature of material, machinery, etc. needed from—*

(*a*) *abroad.*—Electrical Motors, Generators, Transformers; Machinery such as lathes, blowers, milling, shaping, slotting and punching machines, etc.

(*b*) *locally.*—School furniture and equipment, library books, Science apparatus, Carpentry tools, Smithy and Moulding equipment, Drawing and measuring instruments.

12. *Any other remarks or information.*—Nil.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 96 (103).

1. *Department.*—Educational.

2. *Scheme.*—Introduction of free and compulsory elementary education.

3. *Brief description of the scheme.*—It is proposed to introduce free and compulsory elementary education for children of 6 to 11 years of age throughout the Province within a period of 10 to 12 years. With effect from 1946–47, compulsion has been introduced for children of age group 6-7 in 108 selected villages of the talukas of Satara, Khed, Sangola, Athni, Bulsar and Pardi. During the period of 5 years from 1947-48, compulsion is proposed to be introduced in all places with a population of 1,000 and over by age groups 7-8 in the second year, 7-10 in the 3rd year, 7-11 in the 4th year and 6-11 in the 5th year.

4. *Areas selected for application.*—All places with a population of 1,000 and over in the Province.

5. *Other departments concerned.*—Nil.

6. *Upper staff for planning and/or execution of the scheme.*—

For the office of the Director of Public Instruction and the Department—

1 Special Officer in B.E.S. Class I—Rs. 300—900.
2 Stenographers—Rs. 150—5—200 and Rs. 100—5/2—135 respectively.
4 Senior Clerks—Rs. 180—10—260.
2 Clerks—Rs. 135—5—180.
3 Clerks—Rs. 95—5—125.
2 Clerks—Rs. 80—5/2—95.
4 Clerks—Rs. 25—5/2—55.
46 Assistant Administrative Officers—Rs. 45—175 *plus* special pay of Rs. 10 per mensem each.

For School Boards.

594 Attendance Officers—Rs. 40—5—100.
25,000 Primary teachers—Rs. 30—1—50—5/2—75.
176 Clerks—Rs. 25—5/2—55.

7. *Lower staff for planning and/or execution of the scheme.*—

1 Peon on Rs. 17 per mensem for the special officer.
46 Peons on Rs. 14 to 17 per mensem for 46 Assistant Administrative Officers.
594 Peons on Rs. 14 to 17 per mensem for 594 Attendance officers.

8. *How staff to be obtained.*—Upper staff by promotion, transfer or by recruitment (Returned Military personnel if qualified will be given preference).

Lower staff by recruitment.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
.. ..	....	....	....	....	....	....
.. ..	44,51,000	63,53,000	77,21,000	94,88,000	1,36,78,000	4,16,91,000
Total ..	44,51,000	63,53,000	77,21,000	94,88,000	1,36,78,000	4,16,91,000

Average Recurring.—Rs. 1,40,00,000 at the end of five years.

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10. *To what extent is the scheme productive and/or cost recoverable.*—Nil.

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.*—Nil.

(*b*) *locally.*—Ordinary school furniture and equipment.

12. *Any other remarks or information.*—The total number of children attending Primary Schools in the Province at present is about 16 lakhs and it is proposed to provide for 16 lakh additional children during a period of 10 to 12 years. During the 5 years from 1947-48, it is proposed to bring to school 10 lakh additional children by introducing compulsion in all places with a population of 1,000 and over. During the subsequent years, compulsion will be introduced in other places with a population of less than 1,000. The schemes of compulsion will be introduced through the Local Authorities concerned, and Government proposes to bear the whole expenditure over and above what can be met by increasing the cess contribution to 15 pies in the case of District Local Boards and half of the additional cost on compulsion in the case of Local Authority Municipalities.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 97 (104).

1. *Department.*—Educational.

2. *Scheme.*—Construction of buildings for Primary Schools.

3. *Brief description of the scheme.*—Under Post-War Reconstruction scheme No. 96, it is proposed to introduce compulsory elementary education throughout the Province within a period of 10—12 years from June 1947. It will be necessary to provide additional accommodation in the existing schools or to construct new buildings in places in which it will not be possible to obtain the necessary accommodation on rent. It is, therefore, proposed to provide for the construction of some 6,000 new buildings. The priority of construction and the size of the new buildings will be determined according to the requirements of each place. The recurring provision for the mintenance of buildings has been made at 1½ per cent. of the capital cost.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Public Works Department.

6. *Upper staff for planning and/or execution of the scheme.*—The necessary Government staff will be appointed in the Public Works Department.

7. *Lower staff planning and/or execution of the scheme.*—The necessary Government staff will be appointed in the Public Works Department.

8. *How staff to be obtained.*—

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(a) *Capital* ..	20,00,000	47,33,000	48,00,000	49,00,000	49,00,000	2,13,33,000
(b) *Recurring* ..	....	30,000	1,00,000	1,72,000	2,45,000	5,47,000
Total ..	20,00,000	47,63,000	49,00,000	50,72,000	51,45,000	2,18,80,000

10. *To what extent is the scheme productive and/or cost recover able.*—Nil.

11. *Nature of material, machinery etc., needed from*—

(a) *abroad.*—Nil.

(b) *locally.*—Building material.

12. *Any other remarks or information.*—Nil.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 98 (106).

1. *Department.*—Educational.

2. *Scheme.*—Creation of a School Health Service.

3. *Brief description of the scheme.*—It is proposed to create a School Health Service to provide for (*i*) the medical examination of all children in Primary and Secondary Schools once on entry into a Primary school and again at the ages of 11, 14 and 17, (*ii*) the re-examination every year of those who are not found fit, and (*iii*) their treatment locally or at some central place. It is proposed to appoint a Chief Medical Officer in Bombay Medical Service Class I from 1947-48 to make a general survey in the whole Province and to submit detailed proposals for the organisation of the scheme from 1948-49.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Medical and Public Health Departments.

6. *Upper Staff for planning and/or execution of the scheme.*—

1 Chief Medical Officer in Bombay Medical Service Class I (Rs. 350—850) for the whole Province.

20 District Medical Officers in Bombay Medical Service Class II (Rs. 200—40/3—400) one for each of the 20 Districts of the Province.

300 Doctors on Rs. 60—5—170.

7. *Lower staff for planning and/or execution of the scheme.*—

42 Clerks—1 on Rs. 135—5—180.
1 on Rs. 95—5—140.
19 on Rs. 60—5/2—75.
1 on Rs. 50—5/2—90.
20 on Rs. 25—5/2—55.

191 Compounders on Rs. 25—5/2—70 (One for every taluka).

342 peons on pay ranging from 14 to Rs. 23 p. m. each.

8. *How staff to be obtained.*—

Upper—By promotion, by transfer from the Medical and Public Health Departments if possible, or by recruitment.

Lower—By recruitment.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Capital ..	1,000	2,60,000	....	....	....	2,61,000
Recurring ..	15,800	13,87,800	13,96,400	14,01,900	14,01,900	56,03,800
Total ..	16,800	16,47,800	13,96,400	14,01,900	14,01,900	58,64,800

10. *To what extent is the scheme productive and/or cost recoverable.*—Nil.

11. *Nature of material, machinery etc., needed from*—

(*a*) *abroad.*—Nil.

(*b*) *locally.*—Office furniture, medicines, etc.

12. *Any other remarks or information.*—Nil.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 99 (107).

1. *Department.*—Educational.

2. *Scheme.*—Supply of mid-day meals to primary school children.

3. *Brief description of the scheme.*—It is proposed to provide a light mid-day meal to primary school children in 10 selected backward districts of the Province as an experimental measure.

4. *Areas selected for application.*—Selected villages in 10 backward districts of the Province.

5. *Other departments concerned.*—Public Health Department.

6. *Upper staff for—*

(*a*) *planning.*—Nil.

(*b*) *execution.*—10 Medical Officers on Rs. 150 per mensem each.
10 Supervisors on Rs. 80 per mensem each.
20 Clerks on Rs. 70 per mensem (consolidated) each.
(The medical officers, supervisors and clerks will be appointed only when necessary).

7. *Lower staff for—*

(*a*) *planning.*—Nil.

(*b*) *execution.*—20 peons on Rs. 14 per mensem each.

8. *How staff to be obtained.*—Upper staff by recruitment. Returned military personnel, if qualified, will be given preference. Lower staff by recruitment from returned soldiers as far as possible.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.—*

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Capital ..	.....	....	50,000	....	....	50,000
Recurring ..	....	....	11,30,000	11,30,000	11,30,000	33,90,000
Total ..	....	....	11,80,000	11,30,000	11,30,000	34,40,000

Average recurring—Rs. 11,30,000.

10. *To what extent is the scheme productive and/or cost recoverable.*—Nil.

11. *Nature of material, machinery, etc. needed from—*

(*a*) *abroad.*—Nil.

(*b*) *locally.*—Some pots and utensils.

12. *Any other remarks or information.*—The mid-day meal will be composed of parched rice or freshly roasted gram 2 oz., salted groundnuts 1 oz., cocoanut or onion 1 oz., and jaggery 1 oz., with a dash of shark liver oil for those who have no objection to taking it. Suitable variations in these articles of food will be made wherever possible. It is estimated to cost annas two or three per pupil per day; and it is proposed to supply such a mid-day meal to as many school children as possible in selected backward tracts of the Province, within a total annual cost of Rs. 11,30,000.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 100.

1. *Department.*—Educational.

2. *Scheme.*—Expansion of Physical Education.

3. *Brief description of the scheme.*—The Physical Education Committee appointed by Government has made various recommendations for the expansion of physical education, including the establishment of a College of Physical Education. It is proposed to give effect to some of the important recommendations of the Committee in regard to the training of Primary and Secondary Teachers in physical education by holding Short Term Courses, payment of adequate grants for physical education and providing an adequate Inspecting staff for Physical Education by the creation of 32 additional posts of Assistant Deputy Educational Inspectors—12 during 1947-48 and 10 in each of the subsequent 2 years, and of the post of a Chief Inspector of Physical Education for the Province from 1949-50.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Nil.

6. *Upper staff for planning and/ or execution of the scheme.*—

1 Chief Inspector of Physical Education in B. E. S. Class I (Rs. 300—900).

32 Assistant Deputy Educational Inspectors for Physical Education in the scale of Rs. 45—175 for men and Rs. 85—175 for women.

7. *Lower staff for planning and/ or execution of the scheme.*—

2 Clerks—Rs. 25—55 and Rs. 80—95.

34 posts of peons on pay ranging from Rs. 14 to Rs. 27 p. m.

8. *How staff to be obtained.*—Upper staff by promotion or transfer. Lower staff by recruitment.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Capital ..	16,200	3,01,000	1,500	....	....	3,18,700
Recurring ..	2,14,800	6,83,850	7,49,900	3,18,950	3,48,000	23,15,500
Total ..	2,31,000	9,84,850	7,51,400	3,18,950	3,48,000	26,34,200

Average Recurring—Rs. 3,47,000.

10. *To what extent is the scheme productive and/or cost recoverable.*—Nil.

11. *Nature of material, machinery etc., needed from*—

(*a*) *abroad.*—Nil.

(*b*) *locally.*—Physical Equipment.

12. *Any other remarks or information.*—Nil.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 101.

1. *Department.*—Educational.

2. *Scheme.*—Improvement of Secondary Education.

3. *Brief description of the scheme.*—Many Secondary Schools in the Province have to depend for their finances mainly on the fees collected and Government grants. It is proposed to pay increased grants and to supplement the existing allotment of about Rs. 21 lakhs for this purpose, to enable the authorities of these schools to improve the pay scales and conditions of service of Secondary teachers.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Nil.

6. *Upper staff for planning and/or execution of the scheme.*—Nil.

7. *Lower staff for planning and/or execution of the scheme.*—Nil.

8. *How staff to be obtained.*—Does not arise.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Capital ..	..	....	....	....	....	....
Recurring ..	10,00,000	12,00,000	14,00,000	16,00,000	18,00,000	70,00,000
Total ..	10,00,000	12,00,000	14,00,000	16,00,000	18,00,000	70,00,000

Average recurring Rs. 9,00,000 at the end of 5 years.

10. *To what extent is the scheme productive and/or recoverable.*—Nil.

11. *Nature of material, machinery, etc. needed from—*

(*a*) *abroad*—Nil.

(*b*) *locally.*—Nil.

12. *Any other remarks or information.*—Nil.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 102.

1. *Department.*—Educational.

2. *Scheme.*—New Engineering College at Ahmedabad.

3. *Brief description of the scheme.*—The Committee appointed by the Bombay Government has recommended the opening of a second college of Engineering in the Province at Ahmedabad. Government have decided to open the College from June 1948. It is intended that the College should provide for the teaching of a Degree as well as a Diploma course in Civil, Mechanical and Electrical Engineering and a post-graduate course in Textile Engineering.

4. *Areas selected for application.*—Ahmedabad.

5. *Other departments concerned.*—Public Works Department.

6. *Upper staff for planning and/or execution of the scheme.*—Details to be worked out.

7. *Lower staff for planning and/or execution of the scheme.*—Details to be worked out.

8. *How staff to be obtained.*—By recruitment.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Capital—						
(*a*) Building ..	10,00,000	10,35,000	6,95,000	3,35,000	3,10,000	33,75,000
(*b*) Equipment ..	5,00,000	3,00,000	3,00,000	3,00,000	....	14,00,000
Recurring ..	....	3,00,000	4,00,000	5,00,000	5,00,000	17,00,000
Total ..	15,00,000	16,35,000	13,95,000	11,35,000	8,10,000	64,75,000

Average Recurring Rs. 5 lakhs.

10. *To what extent is the scheme productive and/or cost recoverable :—*

	2nd year.	3rd year.	4th year.	5th year.	Total
	Rs.	Rs.	Rs.	Rs.	Rs.
Receipts from fees ..	30,000	60,000	90,000	90,000	2,70,000

11. *Nature of material, machinery, etc. needed from—*

(*a*) *abroad.*—Plant and machinery—details to be worked out.

(*b*) *locally.*—Furniture and other equipment.

12. *Any other remarks or information.*—Nil.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 103.

1. *Department.*—Educational and Industries Department.

2. *Scheme.*—Special Organisation for Industrial and Technical Education.

3. *Brief description of the scheme.*—Technical and Industrial Education is at present partly under the control of the Director of Public Instruction and partly under the control of the Director of Industries. With the rapid expansion of industrial and technical education some special administrative organisation for the expansion of technical education will have to be set up.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Nil.

6. *Upper staff for planning and/or execution of the scheme.*—
7. *Lower staff for planning and/or execution of the scheme.*— } Details are being worked out.

8. *How staff to be obtained.*—By advertisement and/or direct recruitment.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1. *Capital* ..	(Details are being worked out).					11,00,000
2. *Recurring* ..						

10. *To what extent is the scheme productive and/or cost recoverable.*—Nil.

11. *Nature of material, machinery etc. needed from*—

(*a*) *abroad.*—Nil.

(*b*) *locally.*—Nil.

12. *Any other remarks or information.*—The details of the scheme are being worked out.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 104.

1. *Department.*—Educational.

2. *Scheme.*—Establishment of Regional Universities and grants to Universities, Colleges and Research Institutions in general.

3. *Brief description of the scheme.*—Government has accepted in general the principle of establishment of Regional Universities in this Province. A Regional University for Maharashtra is likely to be established in 1948-49 and those for Gujarat and the Karnatak in 1949-50 and 1950-51, respectively. It is proposed to provide Rs. 8 lakhs non-recurring and Rs. 4 lakhs recurring for each of the three Regional Universities in the Province, an additional grant of Rs. 1 lakh to the Bombay University, an additional allotment of Rs. 91,000 for grants-in-aid to non-Government Arts and Science Colleges, Rs. 50,000 for grants-in-aid to an Engineering College under private management, and an additional sum of Rs. 23,000 for grants to Research Institutions.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Nil.

6. *Upper staff for planning and/or execution of the scheme.*—Nil.

7. *Lower staff for planning and/or execution of the scheme.*—Nil.

8. *How staff to obtained.*—Does not arise.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Capital ..	8,00,000	8,00,000	8,00,000	....	....	24,00,000
Recurring ..	2,89,000	6,89,000	10,89,000	14,64,000	14,64,000	49,95,000
Total ..	10,89,000	14,89,000	18,89,000	14,64,000	14,64,000	73,95,000

Average Recurring Rs. 14,64,000.

10. *To what extent is the scheme productive and/or cost recoverable.*—Nil.

11. *Nature of material, machinery etc. needed from—*

(*a*) *abroad.*—Nil.

(*b*) *locally.*—Nil.

12. *Any other remarks or information.*—Nil.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 105.

1. *Department.*—Educational.

2. *Scheme.*—Visual Education.

3. *Brief description of the scheme.*—It is proposed to make increased use of films in imparting education. There are at present a number of Magic Lanterns and a large number of sets of slides on different subjects; also one *silent* Cinema Projector and 50 (16 mm.) projectors formerly used for the Village Publicity Scheme. It is proposed to purchase 40 films of about 400 ft. each at about Rs. 3,000 every year and to convert them into sound track at Rs. 2,000 each. It is also proposed to purchase 40 more projectors in 1947-48 and an equal number in 1949-50.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Rural Development Department.

6. *Upper staff for planning and/or execution of the scheme.*—Nil. (There is already a Deputy Educational Inspector for Visual instruction in B. E. S. Class II.)

7. *Lower staff for planning and/or execution of the scheme.*—
   1 Clerk—Rs. 50—5/2—90.
   1 Mechanic on Rs. 100 per mensem.
   1 peon on Rs. 23 per mensem.

8. *How staff to be obtained.*—By recruitment.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Capital ..	1,00,000	....	1,00,000	....	....	2,00,000
Recurring ..	2,40,000	2,40,000	2,60,000	2,60,000	2,60,000	12,60,000
Total ..	3,40,000	2,40,000	3,60,000	2,60,000	2,60,000	14,60,000

Average Recurring Rs. 2,60,000 at the end of 5 years.

10. *To what extent is the scheme productive and/or cost recoverable.*—Nil.

11. *Nature of material, machinery etc., needed from*—

   (*a*) *abroad.*—80 Projectors—40 in 1947-48 and 40 in 1949-50.

   (*b*) *locally.*—Nil.

12. *Any other remarks or information.*—

NATIONAL ARCHIVES OF INDIA

SCHEME No. 106.

1. *Department.*—Educational.

2. *Scheme.*—Liquidation of Adult illiteracy.

3. *Brief description of the scheme.*—Organisation of more Adult Education Classes in Bombay City and in selected areas in the Province.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Revenue and Labour Departments.

6. *Upper staff for execution.*—190 Special Adult Education Officers (1 for each taluka) on Rs. 100 per mensem each.

7. *Lower staff for execution.*—190 Peons (1 peon for each officer) on Rs. 14 to Rs. 17 per mensem each.

8. *How staff to be obtained.*—By recruitment.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
I. Capital ..	....	....	....	....	....	....
II. Recurring— ..						
(*a*) Grants to the Bombay City Adult Education Committee at 50 per cent. of total expenditure.	1,43,500	1,95,000	1,95,000	2,40,000	2,40,000	10,13,500
(*b*) Cost of Government Centres already opened.	1,02,000	3,37,000	6,22,000	9,51,000	12,80,000	32,92,000
(*c*) Cost of Government Centres to be opened.	2,35,000	2,85,000	3,29,000	3,29,000	3,76,000	15,54,000
Total ..	4,80,560	8,17,000	11,46,000	15,20,000	18,96,000	58,59,500

Average Recurring Rs. 18,96,000.

10. *To what extent is the scheme productive and/or cost recoverable.*—Nil.

11. *Nature of material, machinery, needed etc. from*—

(*a*) *abroad.*—Nil.

(*b*) *locally.*—Ordinary School equipment, charts, slates, etc.

12. *Any other remarks or information.*—At present Adult Education Classes are maintained by private bodies or individuals and given grants-in-aid by Government. Since 1945 a small area of suitable size in some 5 districts has been selected for concentrated effort and Adult Education Classes have been organised in this area by a Special Adult Education Officer with the help of a local Committee. This experiment has been attended with encouraging results. It is proposed to extend the scheme to 21 other compact areas during the year 1946-47 and to all the 190 talukas in the whole Province within 5 years from 1947-48. The annual cost of each area is Rs. 9,400 and it is intended to make about 1,000 adults literate during a year in each area.

In addition it is proposed to pay additional grants to the Bombay City Adult Education Committee at 50 per cent. of the total cost to enable that Committee to implement its 10-year plan of eradication of illiteracy from the city.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 107.

1. *Department.*—Education.

2. *Scheme.*—Library Development Scheme.

3. *Brief description of the scheme.*—Opening of District and Taluka Libraries (15 District Libraries and 167 Taluka or Peta Libraries). Stage III (less 100 Libraries in towns other than Taluka or Peta towns of similar size) recommended by the Library Development Committee.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Revenue Department.

6. *Upper staff for planning and/or execution of the scheme.*—Details are being settled.

7. *Lower staff for planning and/or execution of the scheme.*—

8. *How staff to be obtained.*—By advertisement.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Capital	....	....	....	....	....	....
Recurring	1,53,400	2,11,150	2,11,150	2,11,150	2,11,150	10,00,000

10. *To what extent is the scheme productive and/or cost recoverable.*—No cost recoverable.

11. *Nature of material, machinery, etc. needed from*—

(*a*) *abroad.*—Nil.

(*b*) *locally.*—Furniture.

12. *Any other remarks or information.*—Details are to be scrutinised in consultation with Finance Department.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 107-A.

1. *Department.*—Education.

2. *Scheme.*—Opening of Village Libraries.

3. *Brief description of the scheme.*—It is proposed to open during the first 5 years public libraries in some 500 villages with a population of 1,000 to 5,000, having full grade primary schools, 100 libraries being opened every year (50 in villages with a population of 1,000 to 2,000 and 50 in villages with a population of 2,000 to 5,000). These libraries will be placed in charge of the Head Teacher of the school who will be paid an allowance for the extra work. The annual cost to Government on books, periodicals etc., will be limited to Rs. 100 in the case of libraries in villages with a population of 2,000 to 5,000 and to Rs. 50 in the case of villages with a population between 1,000 to 2,000 while in the first year of the opening of a library, a non-recurring grant of Rs. 200 or Rs. 100 will also be given.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Reconstruction and Revenue Departments.

6. *Upper staff for planning and/or execution of the scheme.*—Nil.

7. *Lower staff for planning and/or execution of the scheme.*—Each library will be placed in charge of the Head teacher of the school who will be given an allowance of Rs. 5 per mensem in a village with a population of 2,000 to 5,000 and of Rs. 3 per mensem in a village with a population of 1,000 to 2,000.

8. *How staff to be obtained.*—Does not arise.

9. *Rough estimates of cost at existing rates for each year of First Five-Year Plan.*—

	1st year.	2nd year.	3rd year	4th year	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Capital	15,000	15,000	15,000	15,000	15,000	75,000
Recurring—						
(*a*) Allowances	4,800	9,600	14,400	19,200	24,000	72,000
(*b*) Purchase of periodicals etc. ..	7,500	15,000	22,500	30,000	37,500	1,12,500
Total ..	27,300	39,600	51,900	64,200	76,500	2,59,500

10. *To what extent is the scheme productive and/or cost recoverable.*—Nil.

11. *Nature of material, machinery etc. needed from* —
(*a*) *abroad.*—Nil.
(*b*) *locally.*—Library books and periodicals.

12. *Any other remarks of information.*—Nil.

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NATIONAL ARCHIVES OF INDIA

SCHEME No. 108.

1. *Department.*—Educational.

2. *Scheme.*—Establishment and development of Museums.

3. *Brief description of the scheme.*—Museums have a great educational value. There is at present one Museum in Poona known as the Lord Reay Industrial Museum which is in receipt of a grant-in-aid of Rs. 16,500 from Government. It is proposed to encourage the authorities of this Museum to extend its activities by grants-in-aid, and also to encourage Local Bodies or private agencies by means of grants-in-aid to establish two museums, one in the Karnatak and the other in Gujarat, during the 5 years from 1947-48.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Departments of Industries, Forests and Agriculture.

6. *Upper staff for planning and/or execution of the scheme.*—The necessary staff will be entertained by the Museum authorities.

7. *Lower staff for planning and/or execution of the scheme.*—See item 6 above.

8. *How staff to be obtained.*—Does not arise.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Capital	....	....	50,000	50,000	50,000	1,50,000
Recurring	10,000	20,000	20,000	25,000	25,000	1,00,000
Total ..	10,000	20,000	70,000	75,000	75,000	2,50,000

Average recurring Rs. 25,000 at the end of 5 years.

10. *To what extent is the scheme productive and/or cost recoverable.*—Nil.

11. *Nature of material, machinery, etc., needed from*—

(*a*) *abroad.*—Nil.
(*b*) *locally.*—Nil.

12. *Any other remarks or information.*—Nil.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 109.

1. *Department.*—Educational.

2. *Scheme.*—Introduction of craft-teaching in Primary Schools.

3. *Brief description of the scheme.*—The Government of Bombay have recently declared their policy of introducing Basic Education by stages in all Primary Schools. As a first step it is proposed to introduce the teaching of a suitable craft in every Primary School as soon as it is possible to secure a teacher to teach the craft concerned. The possible crafts are spinning leading to weaving, kitchen-gardening leading to agriculture and card-board modelling leading to woodwork in the higher classes. Craft-teaching will be introduced in Standards III and V in the first year, Standards III, IV, V and VI in the Second Year, Standards III to VII in the third year, Standards II to VII in the fourth year and Standards I to VII in the fifth year. At the end of 5 years it is estimated that some 8 lakh children will be learning some crafts. The non-recurring expenditure per child is estimated to be Rs. 10 in Standards III to VII and Rs. 5 in Standards I and II, while the recurring expenditure is estimated as under :—

Re. 1 per child in Standards I and II.
Rs. 2 per child in Standards III and IV.
Rs. 3 per child in Standards V to VII.

During the 3 years from 1947-48 it is also proposed to provide for the training of teachers in different crafts.

4. *Areas selected for applications.*—Whole Province.

5. *Other departments concerned.*—Nil.

6. *Upper staff for planning and/or execution of the scheme.*—Crafts will be taught by primary school teachers in the employ of Local Authorities.

7. *Lower staff for planning and/or execution of the scheme.*—Nil.

8. *How staff to be obtained.*—See item 6 above.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Capital (equipment)	13,50,000	20,50,000	26,00,000	31,50,000	46,50,000	1,38,00,000
Recurring	2,00,000	5,30,000	10,00,000	16,70,000	26,80,000	60,80,000
Total ..	15,50,000	25,80,000	36,00,000	48,20,000	73,30,000	1,98,80,000

Average Recurring—Rs. 26,80,000 at the end of 5 years for schools in which craft teaching has been introduced.

10. *To what extent is the scheme productive and/or cost recoverable.*—To some extent.

11. *Nature of material, machinery, etc., needed from—*
(*a*) *abroad.*—Nil.
(*b*) *locally.*—Equipment for craft.

12. *Any other remarks or information.*—Nil.

MO-III Bk H 441—15*a*

NATIONAL ARCHIVES OF INDIA

SCHEME No. 110.

1. *Department.*—Educational.

2. *Scheme.*—Establishment of Lokashalas.

3. *Brief description of the scheme.*—The Committee appointed by Government in 1938 to report on the training of Primary teachers had suggested that new institutions to be called Lokashalas should be opened in order to provide Secondary Education (without English) up to the Matriculation Standard, as well as to improve the educational qualifications of Primary teachers. The Lokashala course is of three years' duration and candidates passing the public examination at the end of this course will be required to undergo a professional training in a Training Institution before they are recruited as trained Primary teachers. Government have accordingly opened four Lokashalas in 1946-47. It is now proposed to open 36 more Lokashalas during the next five years (4 each in 1947-48 and 1948-49, 6 in 1950-51 and 22 in 1951-52) so that there will be 40 Lokashalas at the end of that period. Each Lokashala will be attached to a Government Secondary school or a full grade Primary school or a Training College, and students of the Lokashalas will receive stipends at Rs. 15 per mensem.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Nil.

6. *Upper staff for planning and/or execution of the scheme.*—160 Assistant Masters and Mistresses in the scale of Rs. 45—175 and Rs. 85—175 respectively, at the rate of 4 for each Lokashala.

7. *Lower staff for planning and/or execution of the scheme.*—320 Inferior servants (at 8 for each Lokashala) such as peons, kamathis, sweepers, cooks, etc., on pay ranging from Rs. 14 to Rs. 17 p.m.

8. *How staff to be obtained.*—By direct recruitment.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Capital (equipment)	34,000	27,000	....	40,000	1,46,000	2,47,000
Recurring	1,57,000	2,94,000	3,81,000	5,10,000	8,93,000	22,35,000
Total ..	1,91,000	3,21,000	3,81,000	5,50,000	10,39,000	24,82,000

Average recurring—Rs. 13,64,000 at the end of five years.

10. *To what extent is the scheme productive and/or cost recoverable.*—Nil.

11. *Nature of material, machinery, etc., needed from—*
(*a*) *abroad.*—Nil.
(*b*) *locally.*—Ordinary school furniture and equipment.

12. *Any other remarks or information.*—Nil.

NATIONAL ARCHIVES OF INDIA

MEDICAL.

(SCHEMES Nos. 111 to 125.)

The Cabinet's allocation for the sub-head of development 'Medical' is Rs. 2,60,00,000. The total cost of Medical Department schemes originally worked out to Rs. 2,97,22,045, representing an excess of Rs. 37,22,045. The excess has been reduced and the total cost brought within the sanctioned allocation by postponing part of the work contemplated under schemes 123 and 124 to the Second Five-Year Period.

NATIONAL ARCHIVES OF INDIA

NATIONAL ARCHIVES OF INDIA

SCHEME No. 111 (10).

1. *Department.*—Medical.

2. *Scheme.*—Improvement in Medical Education at the Grant Medical College, Bombay.

3. *Brief description of the scheme.*—In order to improve the examination results of the students of the Grant Medical College, Bombay, and to produce efficient doctors, it is proposed to entertain full-time teaching staff in place of the present honorary staff in clinical subjects, so that they can devote their whole attention to teaching and research.

4. *Areas selected for application.*—Bombay.

5. *Other departments concerned.*—

6. *Upper staff for planning and/or execution of the scheme.*—
One Professor of Medicine—Rs. 1,400—40—2,000.
One Assistant Professor of Medicine—Rs. 1,200—40—1,800.
One Professor of Surgery—Rs. 1,400—40—2,000.
One Assistant Professor of Surgery—Rs. 1,200—40—1,800.
Two Registrars on Rs. 250 p.m. each.
Four Honorary Physicians on Rs. 100 p. m. each.
Four Honorary Assistant Physicians on Rs. 85 p. m. each.
Three Honorary Surgeons en Rs. 100 p. m. each.
Four Honorary Assistant Surgeons on Rs. 100 p. m. each.
Twelve Housemen on Rs. 50 p. m. each.

Two Hon. Physicians, B. J. Hospital for children on Rs. 100 p. m. each.
Two Hon. Assistant Physicians, B. J. Hospital for children on Rs. 85 p. m. each.
One Hon. Surgeon, B. J. Hospital for children on Rs. 100 p. m.
One Hon. Assistant Surgeon, B. J. Hospital for children on Rs. 85 p.m.
Three Housemen on Rs. 50 p. m. each.

} For two Medical and one Surgical Units of the B. J. Hospital for children.

7. *Lower staff for planning and/or execution of the scheme.*—Nil.

8. *How staff to be obtained.*—The staff will be recruited from the available local sources, through advertisement, without restriction as to race or domicile, as it is important to secure the best men available regardless of their origin, especially for the posts of Professors.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(a) *Capital* ...	.....	.....	.....	.....	.....	.....
(b) *Recurring* ...	57,760*	59,680	61,600	63,520	65,440	3,08,000

*This represents the net additional expenditure on account of the entertainment of the full-time staff in place of the part-time staff at the Grant Medical College, Bombay. The net expenditure is arrived at as follows for the 1st year.

Rs. 1,00,620 (full-time staff)—Rs. 42,860 (existing part-time staff)=Rs. 57,760.

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10. *To what extent is the scheme productive and/or cost recoverable.—*

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.—*

(*b*) *locally.—*

12. *Any other remarks or information.—*

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SCHEME No. 112 (11).

1. *Department.*—Medical.

2. *Scheme.*—College of Nursing at Poona.

3. *Brief description of the scheme.*—It is proposed to establish a College of Nursing at Poona with effect from 1st March 1947 for training 60 students per annum (15 students for each course of 3 months). The College will serve as a preliminary training school for the several hospitals which are recognised by the Bombay Nurses, Midwives and Health Visitors' Council as centres for training nurses.

4. *Areas selected for application.*—Marathi speaking districts.

5. *Other departments concerned.*—

6. *Upper staff for planning and/or execution of the scheme.*—

One Lady Superinendent—Rs. 220—25/2—320 (*plus* uniform allowance of Rs. 72 per annum).

One Assistant Lady Superintendent—Rs. 100—10—150 (*plus* uniform allowance of Rs. 72 per annum).

7. *Lower staff for planning and/or execution of the scheme.*—

One House and Linen Keeper—Rs. 60—5—80 (*plus* uniform allowance of Rs. 40 per annum).

One Clerk—Rs. 25—5/2—55.

Two Hamals on Rs. 14 p. m. each.*

One Sweeper on Rs. 11 p. m.*

One Cook on Rs. 14 p. m.*

Two Table servers on Rs. 11 p. m. each*

One Cook's mate on Rs. 11 p. m.*

* With house rent allowance of Rs. 2 p.m. each.

8. *How staff to be obtained.*—To be recruited from demobilised personnel and from outside sources by advertisement.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ...	1,07,000†	.....	.....	.....	.....	1,07,000
(*b*) *Recurring* ...	34,451‡	34,669	35,086	35,444	35,921	1,75,571
Total ...	1,41,451	34,669	35,086	35,444	35,921	2,82,571

† For equipment Rs. 7,000 and for building Rs. 1 lakh.

‡ This includes expenditure on account of stipends to students, lecture fees, messing charges, contingencies, rent for building, pay and temporary additional pay and allowances of the staff etc. After the building is constructed, the recurring expenditure will be reduced by Rs. 6,000 per annum on account of saving in the rent of building.

NATIONAL ARCHIVES OF INDIA

10. *To what extent is the scheme productive and/or cost recoverable.*—Nil.

11. *Nature of material, mchinery, etc., needed from—*

(*a*) *abroad.*—Nil.

(*b*) *locally.*—Furniture, crockery, Linen and bedding, charts, models, etc.

12. *Any other remarks or information.*—It has been decided to treat the scheme as a Special Priority scheme and to put it into effect from 1st March 1947.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 113 (11-A).

1. *Department.*—Medical.

2. *Scheme.*—College of Nursing at Ahmedabad.

3. *Brief description of the scheme.*—It is proposed to establish a College of Nursing at Ahmedabad with effect from 1st March 1947, or as soon as possible thereafter, for training 60 students per annum (15 students for each course of 3 months). The College will serve as a preliminary training school for the several hospitals which are recognised by the Bombay Nurses, Midwives and Health Visitors' Council as centres for training nurses.

4. *Areas selected for application.*—Gujarati speaking districts.

5. *Other departments concerned.*—

6 *Upper staff for planning and/or execution of the scheme.*—

1 Lady Superintendent—Rs. 220—25/2—320 (*plus* uniform allowance of Rs. 72 per annum).

1 Assistant Lady Superintendent—Rs. 100—10—150 (*plus* uniform allowance of Rs. 72 per annum).

7. *Lower staff for planning and/or execution of the scheme.*—

1 house and linen keeper—Rs. 60—5—80 (*plus* uniform allowance of Rs. 40 per annum).
1 clerk Rs. 25—5/2—55.
2 hamals on Rs. 14 p. m. each.*
1 sweeper on Rs. 12 p. m. *
1 cook on Rs. 15 p. m.*
2 table servers on Rs. 11 p. m. each.*
1 Cook's mate on Rs. 11 p. m.*

*With house-rent allowance of Rs. 2 p. m. each.

8. *How staff to be obtained.*—To be recruited from demobilised personnel and from outside sources by advertisement.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ...	*7,000	.....	.....	.....	.....	7,000
(*b*) *Recurring* ...	**25,003	25,198	25,610	25,805	26,315	1,27,931
Total ...	32,003	25,198	25,610	25,805	26,315	1,34,931

* For equipment.

** This includes recurring expenditure on account of stipends to students, lecture fees, messing charges, contingencies, rent for building, pay, temporary additional pay and allowances of the staff, etc.

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10. *To what extent is the scheme productive and/or cost recoverable.*—Nil.

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.*—Nil.

(*b*) *locally.*—Furniture, crockery, linen and bedding, charts, models, etc.

12. *Any other remarks or information.*—It has been decided to treat the scheme as a Special Priority scheme and to put it into effect from 1st March 1947 or as soon as possible thereafter.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 114 (11-C).

1. *Department.*—Medical.

2. *Scheme.*—Training abroad in Nutrition work.

3. *Brief description of the scheme.*—Recent events have shown that it is absolutely necessary that Provinces should organise strong and comprehensive departments of Nutrition to deal effectively with the problem of Nutrition both from the scientific and practical points of view. Nutritional research would naturally play an important part in such an organisation. Accordingly, the Government of India have advised the Provincial Governments to send abroad some of their officers for training in Nutrition. It has been proposed, therefore, to depute Dr. M. V. Radhakrishna Rao, M.B.B.S., Ph.D., B.M.S., Class I, Dn. II, Assistant Director, Department of Nutrition and Experimental Pathology, Haffkine Institute, Bombay to the U. S. A. and the United Kingdom during the first quarter of 1947.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—

6. *Upper staff for planning and/or execution of the scheme.*—Nil.

7. *Lower staff for planning and/or execution of the scheme.*—Nil.

8. *How staff to be obtained.*—Nil.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ...	.....	.....	.....	.....	.....	.....
(*b*) *Recurring* ...	15,000	.....	.....	.....	.....	15,000

10. *To what extent is the scheme productive and/or cost recoverable.*—

11. *Nature of material, machinery, etc. needed from*—

(*a*) *abroad.*—
(*b*) *locally.*— } Nil.

12. *Any other remarks or information.*—Nil.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 115 (11-D).

1. *Department.*—Medical.

2. *Scheme.*—Training of Nurses in the United Kingdom.

3. *Brief description of the scheme.*—In the interests of raising the standard of nursing in India, the Government of India have made arrangments for the training of a small number of nurses in the United Kingdom in Post-Graduate and Primary Courses in Nursing. The Government of Bombay has decided to take advantage of the scheme and has at present deputed 1 nurse for Post-Gradutate training in nursing and 1 nurse for training in the Primary Course. It is also proposed to depute during 1947-48 five educated young ladies for Primary training in Nursing and probably two nurses for the Post-Graduate training. Programme for future years is not yet decided.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Government of India, Department of Health.

6. *Upper staff for planning and/or execution of the scheme.*—Nil.

7. *Lower staff for planning and/or execution of the scheme.*—Nil.

8. *How staff to be obtained.*—Does not arise.

9. *Rough estimates of cost at existing rates for each year for the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Recurring ...	22,900	12,700	5,900	6,500	9,300	57,300

10. *To what extent is the scheme productive and/or cost recoverable.*—Nil.

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.*—
(*b*) *locally.*— } Nil.

12. *Any other remarks or information.*—Half the cost of the above scheme is to be borne by the Government of India.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 116 (32).

1. *Department.*—Medical.

2. *Scheme.*—Establishment of a Medical College at Poona.

3. *Brief description of the scheme.*—In order to improve the standard of Medical Education and to make registrable only one allopathic qualification which would be a University Degree, viz., M.B.B.S., it is proposed to convert the B. J. Medical School, Poona, into a Medical College.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—

6. *Upper staff for planning and/or execution of the scheme.*—

Teaching Staff.

Principal (one of the Professors); Special pay Rs. 150 p.m.

One Professor of Anatomy; scale Rs. 1,000—40—1,600.

One Professor of Physiology; scale Rs. 1,000—40—1,600.

One Lecturer in Anatomy; scale Rs. 600—30—900.

One Lecturer in Embryology; scale Rs. 600—30—900.

Three Demonstrators in Anatomy; scale Rs. 200—15—380—20—400 each.

One Lecturer in Physiology; scale Rs. 600—30—900.

One Lecturer in Biochemistry; scale Rs. 600—30—900.

Three Demonstrators in Physiology; scale Rs. 200—15—380—20—400 each.

7. *Lower staff for planning and/or execution of the scheme.*—

One Head clerk and Accountant; scale Rs. 130—5—175.

One Clerk; scale Rs. 80—5/2—95.

One Clerk; scale Rs. 25—5/2—55.

One Physical Instructor; scale Rs. 45—5—115—5—145—6—175.

One Artist; scale Rs. 90—10/2—140.

One Assistant Artist; scale Rs. 35—5/3—55.

Two Laboratory Technicians; scale Rs. 120—8—200.

Three Laboratory Assistants; scale Rs. 30—2—60.

Four Dissection Room Assistants on Rs. 22 p.m. each.

Nine Peons, sweepers on Rs. 17 p.m. each.

One Laboratory Assistant—Rs. 21—1—26.

One Laboratory Assistant—Rs. 18—1/2—21.

One Laboratory Assistant—Rs. 17—1/2—20.

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One Museum servant—Rs. 20—1/2—25.

One Hamal—Rs. 16 p.m.

One Sweeper—Rs. 16 p.m.

Two Hamals—Rs. 15 p.m. each.

Two Sweepers—Rs. 15 p.m. each.

One Peon—Rs. 18 p.m.

One Sweeper—Rs. 15 p.m.

8. *How staff to be obtained.*—Teaching staff appointed by advertising the posts. Other staff appointed by advertising some posts and by transfers.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ...	3,87,000	.....	.....	.....	.....	3,87,000
(*b*) *Recurring* ...	1,53,000	1,61,000	1,83,000	1,89,000	1,95,000	8,81,000
Total ...	5,40,000	1,61,000	1,83,000	1,89,000	1,95,000	12,68,000

10. *To what extent is the scheme productive and/or cost recoverable.*—The receipts from fees are estimated to be Rs. 50,000 per annum.

11. *Nature of material, machinery, etc., needed from*—

(*a*) *abroad.*—

(*b*) *locally.*—Building material, equipment, etc.

12. *Any other remarks or information.*—Nil.

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SCHEME No. 117 (33).

1. *Department.*—Medical.

2. *Scheme.*—Establishment of a Medical College at Ahmedabad.

3. *Brief description of the scheme.*—In order to improve the standard of Medical Education and to make registrable only one allopathic qualification which would be a University Degree, viz. M.B.B.S., it is proposed to convert the B. J. Medical School, Ahmedabad, into a Medical College.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—

6. *Upper staff for planning and/or execution of the scheme.*—

Teaching Staff.

Principal (one of the Professors) ; Special pay Rs. 150 p.m.

One Professor of Anatomy ; scale Rs. 1,000—40—1,600.

One Professor of Physiology ; scale Rs. 1,000—40—1,600.

One Lecturer in Anatomy ; scale Rs. 600—30—900.

One Lecturer in Embryology ; scale Rs. 600—30—900.

Three Demonstrators in Anatomy ; scale Rs. 200—15—380—20—400 each.

One Lecturer in Physiology ; scale Rs. 600—30—900.

One Lecturer in Biochemistry ; scale Rs. 600—30—900.

Three Demonstrators in Physiology ; scale Rs. 200—15—380—20—400 each.

7. *Lower staff for planning and/or execution of the scheme.*—

One Head clerk and Accountant ; scale Rs. 130—5—175.

One Clerk ; scale Rs. 80—5/2—95.

One Clerk ; scale Rs. 25—5/2—55.

One Physical Instructor ; scale Rs. 45—5—115—5—145—6—175.

One Artist ; scale Rs. 90—10/2—140.

One Assistant Artist ; scale Rs. 35—5/3—55.

Two Laboratory Technicians ; scale Rs. 120—8—200.

Three Laboratory Assistants ; scale Rs. 30—2—60.

Four Dissection Room Assistants on Rs. 22 p.m. each.

Nine Peons, sweepers on Rs. 17 p.m. each.

One Laboratory Assistant—Rs. 20—1—26.

One Laboratory Assistant—Rs. 18—1/2—21.

One Laboratory Assistant—Rs. 17—1/2—20.

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One Peon—Rs. 17 p.m.

One Hamal—Rs. 16 p.m.

One Sweeper—Rs. 15 p.m.

One Hamal—Rs. 16 p.m.

One Hamal—Rs. 15 p. m.

Two Sweepers—Rs. 15 p.m. each.

One Peon—Rs. 18 p.m.

One Sweeper—Rs. 15 p.m.

8. *How staff to be obtained.*—Teaching staff appointed by advertising the posts. Other staff appointed by advertising some posts and by transfers.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ...	26,03,000	.....	.....	.....	.....	26,03,000
(*b*) *Recurring* ...	1,16,000	1,62,000	1,84,000	1,90,000	1,96,000	8,48,000
Total ...	27,19,000	1,62,000	1,84,000	1,90,000	1,96,000	34,51,000

10. *To what extent is the scheme productive and/or cost recoverable.*—The receipts from fees are estimated to be Rs. 60,000.

11. *Nature of material, machinery, etc., needed from-*

(*a*) *abroad.*—

(*b*) *locally.*—Building material, equipment, etc.

12. *Any other remarks or information.*—Nil.

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SCHEME No. 118 (35).

1. *Department.*—Medical.

2. *Scheme.*—Increase in the number of the beds at the District Headquarter Hospitals.

3. *Brief description of the scheme.*—In order to improve District Headquarter Hospitals so that people in the districts may be able to get all ordinary treatment near their homes and pressure on certain big hospitals at Poona and Bombay may cease, it is proposed to increase the number of beds at 14 hospitals in all so that each Hospital should have a maximum of 75 beds. Six hospitals are proposed to be taken up during the first five years of the Post War Reconstruction Programme.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—

6. *Upper staff for planning and/or execution of the scheme.*—A Special Officer has been appointed.

7. *Lower staff for planning and/or execution of the scheme.*—A clerk has been appointed under the Special Officer.

8. *How staff to be obtained.*—

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ...	.....	10,36,000	10,90,000	10,48,000	.....	31,74,000
(*b*) *Recurring* ...	.....	.....	1,05,780	2,70,072	3,88,608	7,64,460
Total ...	.....	10,36,000	11,95,780	13,18,072	3,88,608	39,38,460

10. *To what extent is the scheme productive and/or cost recoverable.*—

11. *Nature of material machinery, etc., needed from*—

(*a*) *abroad.*—

(*b*) *locally.*—Hospital equipment.

12. *Any other remarks or information.*—Improvements to the remaining Hospitals will be made during the 2nd Five-Year period of the Post-War Reconstruction Programme.

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NATIONAL ARCHIVES OF INDIA

SCHEME No. 119 (36).

1. *Department.*—Medical.

2. *Scheme.*—Creation of a cadre of technicians for X-Ray and Laboratory Work.

3. *Brief description of the scheme.*—At present Laboratory and X-Ray work in Government Hospitals and other institutions is done by untrained persons. In the United Kingdom, this work is done by trained technicians. It is proposed to train 100 such technicians—70 laboratory and 30 X-Ray technicians. Graduates in science will be selected for this purpose and given training at Government expense. A stipend of Rs. 50 p. m. will be given to the candidates during the period of training which will extend to 9 months. 50 candidates will be trained during the first five years of the Post War Reconstruction programme.

4. *Areas selected for application.*—All areas.

5. *Other departments concerned.*—

6. *Upper staff for planning and/or execution on the scheme.*—Honorary Assistant Radiologist on Rs. 85 p. m. for a period of 9 months.

11 Head Technicians on Rs. 120—8—200 and 89 Technicians Rs. 75—5—120.

7. *Lower staff for planning and/or execution of the scheme.*—

8. *How staff to be obtained.*—To be recruited by advertisement, preference being given to those who have served in the Military Department.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ...	5,000	5,000	5,000	5,000	5,000	25,000
(*b*) *Recurring* ...	19,507	34,675	50,803	65,443	80,683	2,51,111
Total ...	24,507	39,675	55,803	70,443	85,683	2,76,111

10. *To what extent is the scheme productive and/or cost recoverable.*—

11. *Nature of material, machinery, etc. needed from*—

(*a*) *abroad.*—

(*b*) *locally.*—

12. *Any other remarks or information.*—Laboratory Technicians will be trained at the Haffkine Institute, Bombay and X-Ray Technicians at the J. J. Hospital, Bombay. The stipendiary student will be required to sign a bond to serve Government for a period of at least five years after training or else to refund to Government a sum of Rs. 600 on account of tuition fees and stipend received. 50 more technicians will be trained during the second Five-Year period of the Post War Reconstruction programme.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 120 (37)

1. *Department.*—Medical.

2. *Scheme.*—Ambulance Service to Central Hospitals.

3. *Brief description of the scheme.*—As a measure of rural medical relief, each District Headquarter Hospital has been provided with one Ambulance car for bringing serious cases from the interior of the district to the Civil Hospital. 18 Head quarter Hospitals have been provided with 18 ambulance cars.

4. *Areas selected for application.*—All areas in the Mofussil.

5. *Other departments concerned.*—

6. *Upper staff for planning and/or execution of the scheme.*—

7. *Lower staff for and/or execution of the scheme.*—18 drivers on Rs. 40 p.m. *plus* house rent allowance of Rs. 5 p. m. each.

8. *How staff to be obtained.*—The drivers are to be obtained from demobilised personnel wherever available.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ...	.....	.....	.....	.....	.....	.....
(*b*) *Recurring* ...	34,728	34,728	34,728	34,728	34,728	1,73,640
Total ...	34,728	34,728	34,728	34,728	34,728	1,73,640

N. B.—In addition, a non-recurring expenditure of Rs. 28,800 will be incurred during the year 1946-47 on account of construction of garages.

10. *To what extent is the scheme productive and/or cost recoverable.*—

11. *Nature of material, machinery, etc., needed from*—

(*a*) *abroad.*—Nil.

(*b*) *locally.*—Nil.

12. *Any other remarks or information.*—The Ambulance cars have been donated as a free gift by the St. John Ambulance Brigade Overseas.

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SCHEME No. 121 (38 and 89).

1. *Department.*—Medical.

2. *Scheme.*—Conversion of dispensaries into Cottage Hospitals.

3. *Brief description of the scheme.*—With a view to improving medical facilities in rural areas, it is proposed to convert 33 dispensaries into Cottage Hospitals, so that, with the existing five such cottage hospitals, there will be at least two Cottage Hospitals in each of the 19 districts. These cottage hospitals will provide a co-ordinating link between S. M. Ps. on the one hand and the District Headquarter Hospitals on the other. Government have administratively approved this scheme. It is proposed to open 8 Cottage Hospitals during the first five years of the Post-War Reconstruction Programme.

4. *Areas selected for application.*—All parts of the Province.

5. *Other departments concerned.*—

6. *Upper staff for planning and/or execution of the scheme.*—Four B. M. S. Class II Officers on Rs. 200—40/3—400 (Probationers Rs. 150 for the first year and Rs. 180 for the second year) *plus* house rent allowance at Rs. 25 p.m.

Eight S. M. S. Officers in the scale of Rs. 60—5—170.

Eight Sisters in the scale of Rs. 125—5—200 (*plus* Rs. 30 p.m. Messing allowance, Rs. 5 p. m. uniform allowance and house rent allowance of Rs. 10 p. m.).

Eight Senior staff nurses in the scale of Rs. 90—5—120 (*plus* Rs. 30 p. m. Messing allowance, Rs. 5 p. m. uniform allowance and house rent allowance of Rs. 10 p. m.).

Eight Junior Staff nurses in the scale of Rs. 75—5—90 (*plus* Rs. 30 p. m. Messing allowance, Rs. 5 p. m. uniform allowance and house rent allowance of Rs. 10 p. m.).

Four Laboratory Technicians in the scale of Rs. 75—5—120.

Four X-ray Technicians in the scale of Rs. 75—5—120.

7. *Lower staff for planning and/or execution of the scheme.*—

Eight Compounders in the scale of Rs. 25—5/2—70 *plus* house rent allowance of Rs. 2 p. m.

Four Clerks in the scale of Rs. 25—5/2—55.

Eight Theatre Assistants on Rs. 15 p. m. each.

Eight Ward servants (male) on Rs. 15 p. m. each.

Eight Female ward servants on Rs. 14 p. m. each.

Eight Peons (Cycle orderlies by turns) on Rs. 15 p. m. each.

Twelve Sweepers (male) on Rs. 15 p. m. each.

Eight Sweepers (female) on Rs. 15 p. m. each.

Four Gardeners on Rs. 14 p. m. each.

Four Watchmen on Rs. 15 p. m. each.

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Four Dhobies on Rs. 14 p. m. each.

Four Watermen on Rs. 14 p. m. each.

Four Hamals on Rs. 14 p. m. each.

Eight Cooks on Rs. 15 p. m. each.

8. *How staff to be obtained.*—To be recruited from outside sources by advertisement.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ...	3,50,000	7,00,000	7,00,000	10,50,000	.....	28,00,000
(*b*) *Recurring* ...	36,000	1,08,000	1,80,000	2,88,000	2,88,000	9,00,000
Total ...	3,86,000	8,08,000	8,80,000	13,38,000	2,88,000	37,00,000

10. *To what extent is the scheme productive and/or cost recoverable.*—

11. *Nature of material, machinery, etc., needed from*—

(*a*) *abroad.*—

(*b*) *locally.*—

12. *Any other remarks or information.*—The dispensaries of local bodies are to be selected for conversion into Cottage Hospitals, but these Cottage Hospitals will be entirely controlled by Government and for that purpose an amount equal to the expenditure incurred at present on the dispensaries concerned by the Local Bodies will be recovered from them.

It is proposed to open 4 Cottage Hospitals during the period of five years as shown below :—

1st year—1.

2nd year—2.

3rd year—1.

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SCHEME No. 122 (39 and 90).

1. *Department.*—Medical.

2. *Scheme.*—Subsidised Medical Practitioners.

3. *Brief description of the scheme.*—In order to improve the medical facilities in rural areas, Government sanctioned the opening of 330 Subsidised Medical Practitioners' Centres. The scheme has been working well and a fresh scheme to open 225 more centres has therefore been included in the Post-War Reconstruction Programme. The scheme is divisible into two parts: (1) 100 centres to be financed entirely by Government and (2) 125 centres in respect of which four-fifth of the cost will be borne by Government and one-fifth by the District Local Board concerned. Under the first part of the scheme, 16 Allopathic centres have been opened so far. Further centres are not likely to be opened in view of the combined medical and public health units proposed to be established in each *taluka* of the Province. Under the second part, it is proposed to open during 1947–48, 52 Allopathic, 71 Ayurvedic and 2 Unani centres. The honoraria, allowances, etc., will be the same for Subsidised Medical Practitioners employed under both parts of the scheme.

4. *Areas selected for application.*—All parts of the Province.

5. *Other departments concerned.*—

6. *Upper staff for planning and/or execution of the scheme.*—141 Subsidised Medical Practitioners (68 for Allopathic centres, 71 for Ayurvedic centres and 2 for Unani centres) on the following remuneration :—

	Allopathic Centres.	Ayurvedic and Unani Centres.
Honorarium ...	Rs. 75 per mensem ...	Rs. 50 per mensem.
Travelling allowance ...	Rs. 25 per mensem [*plus* temporary increase of 50 per cent.] ...	Rs. 15 per mensem [*plus* temporary increase of 50 per cent.]

7. *Lower staff for planning and/or execution of the scheme.*—

8. *How staff to be obtained.*—To be recruited from outside sources by advertisement.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ...	.....	.....	.....	.....	.....	.....
(*b*) *Recurring* ...	1,73,000	1,73,000	1,73,000	1,73,000	1,73,000	8,65,000
Total ...	1,73,000	1,73,000	1,73,000	1,73,000	1,73,000	8,65,000

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10. *To what extent is the scheme productive and/or cost recoverable.*—Not directly productive.

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.*—Nil.

(*b*) *locally.*—Nil.

12. *Any other remarks or information.*—Nil.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 123.

1. *Department.*—Medical.

2. *Scheme.*—Construction of two Tuberculosis Hospitals of 300 beds each.

3. *Brief description of the scheme.*—There is a great need for Tuberculosis Hospitals in this Province. It is, therefore, proposed to construct two Tuberculosis Hospitals. Sites will be selected by the Special Officer when appointed.

4. *Areas selected for application.*—All areas in the mofussil.

5. *Other departments concerned.*—Public Works and Public Health Departments.

6. *Upper staff for planning and/or execution of the scheme.*—Special Officer for tuberculosis for the Province.

7. *Lower staff for execution of the scheme.*—

8. *How staff to be obtained.*—The staff will be obtained through advertisement, preference being given to those who have rendered military service, other qualifications being equal.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Capital ...	5,00,000	5,00,000	3,00,000	.....	.....	13,00,000
Recurring ...	.....	2,99,955	4,78,000	6,00,000	6,00,000	19,77,955
Total ...	5,00,000	7,99,955	7,78,000	6,00,000	6,00,000	32,77,955

10. *To what extent is the scheme productive and/or cost recoverable.*—The scheme will not be productive in the sense that it will not yield any income to the State—other than hospital charges—, but it will help to eradicate tuberculosis from the Province and thus secure the economic and physical well-being of the people of the Province.

11. *Nature of material, machinery, etc., needed from*—

(*a*) *abroad.*—Nil.

(*b*) *locally.*—Hospital equipment.

12. *Any other remarks or information.*—Nil.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 124.

1. *Department.*—Medical.

2. *Scheme.*—Establishment of three leper colonies of 1,000 beds each in the mofussil.

3. *Brief description of the scheme.*—With a view to providing for better treatment and control of leprosy in this Province, it is considered necessary to establish an adequate number of leper colonies which would provide industrial and agricultural pursuits to the inmates and make them self-supporting and keep them occupied. Such colonies should be self-contained villages in which all the ordinary avocations of life would be represented. They must have good and fertile land and ample supply of water, so that the villagers are never idle but can do something all the year round. It is proposed to construct three leper colonies to start with, at places in the mofussil where the incidence of leprosy is the heaviest.

4. *Areas selected for application.*—Selection will be finally decided on appointment of Special Leprosy Officer.

5. *Other departments concerned.*—Public Works Department.

6. *Upper staff for planning and/or execution of the scheme.*—In addition to a Special Leprosy Officer for the Province, it is roughly estimated that the following staff will be required :—

One Chief Medical Officer.
One B. M. S. Class II Officer.
Five S. M. S. Officers.

7. *Lower staff for planning and/or execution of the scheme.*—It is roughly estimated that the following lower staff will be required :—

Twenty Nurses.
Fifty Ward servants.
Four Cooks.
Four Assistant Cooks.
Eight Clerks, Stewards, etc.
Five Barbers.
Forty Sweepers.
Thirteen Watchmen.

8. *How staff to be obtained.*—The staff will be obtained through advertisement, preference being given to those who have rendered Military service, other qualifications being equal.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ...	5,00,000	5,00,000	10,00,000	10,00,000	15,00,000	45,00,000
(*b*) *Recurring* ...	.....	3,00,000	6,00,000	9,00,000	12,00,000	30,00,000
Total ...	5,00,000	8,00,000	16,00,000	19,00,000	27,00,000	75,00,000

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10. *To what extent is the scheme productive and/or cost recoverable.*—The scheme is not productive in the sense that it will not yield any income to the State, but it will help to eradicate leprosy from the Province and thus secure the economic and physical well-being of the people of the Province.

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.*—Nil.

(*b*) *locally.*—Hospital equipment and building materials.

12. *Any other remarks or information.*—Nil.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 125.

1. *Department.*—Medical.

2. *Scheme.*—Establishment of Infirmary at Bombay.

3. *Brief description of the scheme.*—With a view to giving relief to pressure on Hospitals in Bombay by removing incurable patients to infirmaries, it is proposed to extend the existing accommodation in the King George V Infirmary at Bombay by 100 additional beds. This additional accommodation will remain as an adjunct to the Government Hospitals in Bombay for the reception of incurable patients requiring no active hospital treatment.

It is also proposed to provide an infirmary to accommodate 100 patients at Ahmedabad as an adjunct to the new Civil Hospital in order to relieve congestion at the Civil Hospital by removing incurable patients to the proposed infirmary. At present no infirmary accommodation exists at Ahmedabad. The construction of Infirmary at Ahmedabad has, however, been deferred to the second Five-Year period pending further progress on the scheme of constructing the Civil Hospital, Ahmedabad, on a new site.

At Poona, there is already an Infirmary attached to the Civil Hospital.

4. *Areas selected for application.*—Bombay City and Ahmedabad.

5. *Other departments concerned.*—Public Works Department.

6. *Upper staff for planning and/or execution of the scheme.*—

For planning—Nil.

For execution—

One B. M. S. Officer Class II. Rs. 200—40/3—400.

One S. M. S. Officer. Rs. 60—5—170.

Three Ward sisters.* Rs. 100—10—150.

Twelve Staff nurses.* Rs. 50—5—80.

* *Plus* messing allowance at Rs. 45 per mensem and uniform and dhobi allowances at Rs. 10 per mensem each.

7. *Lower staff for planning and/or execution of the scheme*—

For planning—Nil.

For execution—

One Clerk. Rs. 50—5/2—90.

Ten Ward servants on Rs. 28 per mensem each.

Five Ward servants on Rs. 26 per mensem each.

Five Ward servants on Rs. 24 per mensem each.

Two Cooks on Rs. 30 per mensem each.

One Barber on Rs. 25 per mensem.

The staff will be entitled to get D. A. and temporary additional pay sanctioned by Government from time to time.

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8. *How staff to be obtained.*—To be recruited from outside sources by advertisement, preference being given to those with approved war service, other qualifications being equal.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

Infirmary at Bombay.	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Capital ...	3,50,000	.....	.....	.....	.....	3,50,000
Recurring	.....	98,648	99,788	1,00,988	1,02,608	4,02,032
Total ...	3,50,000	98,648	99,788	1,00,988	1,02,608	7,52,032

10. *To what extent is the scheme productive and/or cost recoverable.*—Nil.

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.*—Nil.

(*b*) *locally.*—Hospital equipment and building material.

12. *Any other remarks or information.*—The construction of an Infirmary at Ahmedabad is proposed to be taken up in the second Five-Year period.

NATIONAL ARCHIVES OF INDIA

PUBLIC HEALTH.

(SCHEMES 126 TO 135).

The Cabinet's allocation for this sub-head of development over five years is Rs. 1,39,90,000. The total cost of the schemes over that period comes to Rs. 1,39,87,000 which is within the Cabinet's allocation.

NATIONAL ARCHIVES OF INDIA

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SCHEME No. 126 (9).

1. *Department.*—Public Health.

2. *Scheme.*—Training of Subsidised Medical Practitioners in Sanitary and Public Health Work.

3. *Brief description of the scheme.*—A short course of instruction is given to Subsidised Medical Practitioners in Sanitary and Public Health work. For this purpose a sanitary class is held at Sirur for a period of three months. Government has sanctioned the continuance for a period of three years, in the first instance, of the scheme for the training of Subsidised Medical Practitioners at Sirur.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Public Works Department.

6. *Upper staff for planning and/or execution of the scheme.*—Three Subordinate Medical Officers to be deputed from the Public Health Department.

7. *Lower staff for planning and/or execution of the scheme.*—Three Sanitary Orderlies.

8. *How staff to be obtained.*—Three Subordinate Medical Officers will be deputed from the Public Health Department every year. Substitutes to act in their places will be obtained locally or by advertisement. Sanitary orderlies will be obtained locally.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Capital ...	.....	3,05,000	.....	.....	.....	3,05,000
Recurring ...	13,400	11,650	11,650	11,650	11,65	60,00(
Total ...	13,400	3,16,650	11,650	11,650	11,650	3,65,000

10. *To what extent is the scheme productive and/or cost recoverable.*—One-fifth of the expenditure involved in the payment of honorarium at Rs. 10 p. m. to each Subsidised Medical Practitioner is recoverable from the District Local Boards.

11. *Nature of material, machinery, etc., needed from—*
(*a*) *abroad.*—Nil.
(*b*) *locally.*—Inoculation outfit, materials required for purifying water, models, charts, sprays, bore-hole latrine equipment, slides, bottles for samples, sundries and stationery.

12. *Any other remarks or information.*—The Subsidised Medical Practitioners with their scanty knowledge of public health, even though trained in the proposed rural sanitary class, cannot do the work expected of the Sanitary Officers or Health Officers. However, they will be useful when epidemics break out, to supplement the work of inoculation, vaccination and disinfection to be done by the permanent members of the District Health staff in each district which will be responsible for preventive health work.

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NATIONAL ARCHIVES OF INDIA

SCHEME No. 127 (9).

1. *Department.*—PublicHealth.

2. *Scheme.*—Expansion of existing facilities for the training of more Sanitary Inspectors by establishing two classes at (1) Poona and (2) Ahmedabad.

3. *Brief description of the scheme.*—Facilities for the training of Sanitary Inspectors exist at present in Bombay City only. Only one session of the class is held annually and the number of students turned out every year is small. As the number of qualified Sanitary Inspectors available in the Province is insufficient to meet the requirements of Government and local bodies as well as for work in rural areas, Government has decided to provide adequate facilities for a large number of students to be trained as Sanitary Inspectors.

Under the scheme two classes have been opened, one at Poona and the other at Ahmedabad, where special training will be given. The number of admissions at each place for each session is restricted to 50 students. Lectures and demonstrations are given by the officers of the Public Health Department and the officers of the two Municipalities at Poona and Ahmedabad.

As a measure for the resettlement of ex-soldiers, Government has decided to reserve as many as 40 seats at each session of the class and to give them scholarships and concessions such as supply of books at half rates, travelling expenses for visits to small towns, etc.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—

6. *Upper staff for planning and/or execution of the scheme.*—Assistant Directors of Public Health at Ahmedabad and Poona; Assistant Director of Public Health In-charge Malariology; Assistant Director of Public Health In-charge Public Health Laboratory; Medical Officer In-charge Infectious Diseases Hospital, Poona; Public Health Engineer to Government, Poona; Municipal Engineer, Ahmedabad, and Medical Officers of Health of Ahmedabad and Poona City Municipalities as lecturers.

7. *Lower staff for planning and/or execution of the scheme.*—Two clerks and two peons.

8. *How staff to be obtained.*—Clerks and peons to be obtained locally or by advertisement.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Captial ...	4,000	.....	.....	.....	.....	4,000
Recurring ...	53,500	52,875	52,875	52,875	52,875	2,65,000
Total ...	57,500	52,875	52,875	52,875	52,875	2,69,000

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10. *To what extent is the scheme productive and/or cost recoverable.*—Not productive.

11. *Nature of material, machinery, etc. needed from—*

(*a*) *abroad.*—Nil.

(*b*) *locally.*—Purchase of models, charts, reference books, furniture and stationery.

12. *Any other remarks or information.*—Returned soldiers who will be found fit to follow the lectures will be admitted to the Sanitary Classes at Poona and Ahmedabad with a view to their being appointed as Sanitary Inspectors and Sub-Inspectors in the districts. The appointment of these Inspectors in the Public Health Department as well as in the different Municipalities in the Province will help to improve the general sanitation.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 128 (61).

1. *Department.*—Public Health.

2. *Scheme.*—Extension of the Malaria Organisation by the formation of two additional squads.

3. *Brief description of the scheme.*—The establishment of a permanent Malaria organisation to deal with malaria in this Province was sanctioned in 1942. Investigations have been carried out in some parts of the Kanara district, Poona City and the Salsette island and control measures taken. There are other areas in the Province where malaria is rampant and it is considered necessary to carry out investigations for the purpose of finding out the causes of the prevalence of malaria in these areas and taking necessary control measures. In order to carry out these objects, the staff of the Malaria Organisation has been strengthened by the formation of two additional squads and it is further proposed to sanction three additional squads during 1947-48.

4. *Areas selected for application.*—Malarious places in Gujerat, in the Dindori and Kalvan talukas of the Nasik district and other malarious tracts.

5. *Other departments concerned.*—Medical Department.

6. *Upper staff for planning and/or execution of the scheme.*—

(*a*) No staff is required for planning.

(*b*) *For execution*—Two Medical Officers—Qulifications M.B.B.S. degree of the Bombay University or any other qualifications specified in the first or second schedule of the Indian Medical Council Act, 1933 amd experience in blood work in Malaria, preference being given to candidates holding D.T.M. or M.D. (in Tropical Medicine) or Sanitary Inspector's Certificate.

Pay—scale—Rs. 200—40/3—400 with efficiency bars at Rs. 240 and Rs. 320 (Probationers Rs. 150 p. m. for the first year, and Rs. 180 p. m. for the second year) *plus* special pay Rs. 100 p.m. each (inclusive of Rs. 70 p. m. to be merged in future increments) and compensatory allowance for loss of private practice of Rs. 50 p.m. each.

7. *Lower staff for planning and/or execution of the scheme.*—

(*a*) No additional staff required for planning.

(*b*) For execution—Two S.M.S. Officers—qualifications L.C.P.S. or M.B.B.S.

Pay scale—Rs. 60—5—95—E.B.—5—130—E.B.—170 (Probationers—Rs. 50 for two years) *plus* special pay Rs. 25 p. m. each and compensatory allowance for loss of private practice Rs. 10 p. m. each.

	Pay scale
Two Laboratory Assistants	... Rs. 50—5/2—90—5—140.
Eight Insect Collectors	... Rs. 20—1—40.
Two peons	... Rs. 14 p. m. each.
Two sanitary orderlies	... Rs. 14 p. m. each.

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8. *How staff to be obtained.*—

Upper staff.—By advertisement or by selection of suitable candidates from the Medical or Military Department.

Lower staff.—S.M.S. Officers—By advertisement or by obtaining suitable candidates from the Medical or Military Department.

Laboratory Assistants.—By advertisement or from Military personnel, if found suitable, after training in the technique of malaria under the Malaria Organisation.

Insect Collectors.—Suitable candidates from the Military personnel, if available.

Peons and sanitary orderlies.—Locally or from the returned personnel of the Military.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(a) *Capital* ...	4,000	.....	.....	.....	.....	4,000
(b) *Recurring* ...	82,350	26,912	26,912	26,913	26,913	1,90,000
Total ...	86,350	26,912	26,912	26,913	26,913	1,94,000

10. *To what extent is the scheme productive and/or cost recoverable.*—Malaria takes a very heavy toll of life and saps the vitality of the working classes. The measures, though not productive in the literal sense, would help to eradicate malaria in some years to come, resulting ultimately in better economic life in the vast rural areas of this Province.

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.*—Pyrethrum extract and Paris Green.

(*b*) *locally.*—Hand-sprayers, groundnut-oil, soap, soft soap powder and malariol.

12. *Any other remarks or information.*—The two additional squads have already started functioning during the financial year 1945-46, and proposals for sanction ing two more squads during 1947-48 are under consideration.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 129 (62).

1. *Department.*—Public Health.

2. *Scheme.*—Establishment of a Permanent Plague Organisation.

3. *Brief description of the scheme.*—The analysis of plague epidemics in the Province has revealed that the plague infection in Belgaum, Dharwar and North Kanara districts originates from the endemic centres of plague in Belgaum and Dharwar districts. In Bijapur and Sholapur districts, the infection is generally imported from the endemic centres situated in H. E. H. the Nizam's Dominions. The prevention of plague in the Province will depend upon how the endemic centres are tackled and the infection eradicated from them. It is accordingly proposed to establish a permanent plague organisation specialised in anti-plague work including cyanide fumigation, which can devote itself seriously to the problem and deal with the endemic centres and the areas susceptible to plague infection by devising measures according to the experience gained.

4. *Areas selected for application.*—Bombay Province.

5. *Other departments concerned.*—Medical (Haffkine Institute).

6. *Upper staff for planning and/or execution of the scheme.*—(*a*) No staff is required for planning.

(*b*) For execution of the scheme, an Assistant Director of Public Health, Epidemiology, with a Diploma in Public Health with special work in plague in the scale of Rs. 400—30—700—35—1,050, with permanent travelling allowance at Rs. 150 p.m. Two Plague Officers—qualifications—M.B.B.S. and a Public Health qualification (B.Hy. or D.P.H.) (Bom. or Cal.) on Rs. 300—40/3—500 with a permanent travelling allowance of Rs. 100 p. m. each.

7. *Lower staff for planning and/or execution of the scheme.*—(*a*) No staff is needed for planning.

(*b*) For execution the staff needed is—

(1) Ten Epidemic Medical Officers, L.C.P.S., pay Rs. 100—5—200, special pay Rs. 30 p. m. *plus* permanent travelling allowance at Rs. 40 p.m. each and compensatory allowance for loss of private practice Rs 20 p. m. each.

(2) Eight Sanitary Inspectors (qualified), pay Rs. 90—10/2—180, *plus* permanent travelling allowance at Rs. 40 p. m. each.

(3) One Bacteriological = Assistant—B.Sc., with Bacteriology—pay Rs. 130—9—310.

(4) Two clerks—Rs. 80—5/2—95, and 3 clerks—Rs. 40—5/2—80.

(5) Four laboratory assistants—Rs. 50—5/2—90—5—140.

(6) Two motor drivers—Rs. 50—5/2—80 *plus* special compensatory allowance of Rs. 8 p. m. each.

(7) Ninety coolies—Rs. 20—1—30.

(8) Six peons—one on Rs. 18, one on Rs. 17 and 4 on Rs. 14 p. m. each.

(9) Two motor cleaners—Rs. 20—1—30 *plus* special compensatory allowance of Rs. 6 p. m. each.

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(10) Ninety operators—Rs. 30—1—45.

(11) Eight laboratory attendants—Rs. 20—2—40.

(12) One watchman—Rs. 20—1—30.

(13) Three sanitary orderlies—Rs. 15—1—20.

8. *How staff to be obtained.*—

(1) *Upper*—Assistant Director of Public Health and Plague Officers by advertisement or from suitable candidates from Military or Medical Department.

(2) *Lower*—Epidemic Medical Officers by advertisement or from suitable candidates from the Military or Medical Department.

(3) Sanitary Inspectors by advertisement or from suitable candidates from returned soldiers after training them in the Sanitary Inspectors' Classes at Poona and Ahmedabad.

(4) Clerks, Bacteriological Assistant, Laboratory Assistants, by advertisement or from suitable Military personnel.

(5) Laboratory attendants, motor drivers, cleaners, operators, peons and watchman from suitable returned soldiers, if available, or by advertisement.

(6) Coolies, sanitary orderlies, locally or from returned solidiers, if available.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ...	35,000	3,750	3,750	3,750	3,750	50,000
(*b*) *Recurring* ...	3,49,250	3,77,437	3,77,437	3,77,438	3,77,438	18,59,000
Total ...	3,84,250	3,81,187	3,81,187	3,81,188	3,81,188	19,09,000

The increase in the recurrent cost during the second and subsequent years represents increments to the staff.

10. *To what extent is the scheme productive and/or cost recoverable.*—The cost is not recoverable, but the scheme is of lasting benefit to the rural population from the public health and economic points of view.

11. *Nature of material, machinery, etc., needed from*—

(*a*) *abroad.*—Nil.

(*b*) *locally.*—Cyanogas pumps, 2 motor lorries, tarpauline, barium carbonate, HCN poison treatment boxes, spades, torches, baskets, rat-traps, and laboratory equipment.

12. *Any other remarks or information.*—Nil.

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SCHEME No. 130 (63).

1. *Department.*—Public Health.

2. *Scheme.*—Establishment of District Health Organisation in each district.

3. *Brief description of the scheme.*—The District Health Officers' scheme which was first introduced in the districts of Bijapur, Sholapur, Surat and Ahmedabad has now been extended to East Khandesh, West Khandesh, Nasik, Ahmednagar, Satara, Dharwar, Poona, Ratnagiri and Belgaum. The question of introducing the scheme in the remaining districts so as to provide each district with a standing nucleus staff to deal with epidemic diseases and to attend to rural health problems, is under consideration. Government proposes to introduce the scheme in Kanara, Kaira, Thana, Bombay Suburban, Kolaba, Broach and Panch Mahals districts during 1947–48.

4. *Areas selected for application.*—The districts of Kanara, Kaira, Thana, Bombay Suburban, Kolaba, Broach and Panch Mahals.

5. *Other departments concerned.*—Local Self-Government and Revenue Departments.

6. *Upper staff for planning and/or execution of the scheme.*—No staff is required for planning. District Health Officers are required for the execution of the scheme. Qualifications: Medical qualification registrable by the Bombay Medical Council and British Diploma in Public Health or B.Hy. (Bom.) or D.P.H. (Bom.) or D.P.H. (Calcutta).

Scale of pay—Rs. 350—40/3—590—30—710.

7. *Lower staff for planning and/or execution of the scheme.*—No staff is required for planning. The following staff is required for execution of the scheme :—

(1) Epidemic Medical Officers.
(2) Health Visitors.
(3) Sanitary Inspectors.
(4) Sub-Inspectors.
(5) Peons, and
(6) Mukadams, Sanitary orderlies and coolies.

8. *How staff to be obtained.*—Upper staff to be obtained either from qualified personnel released from the Army or by local recruitment.
Lower staff to be recruit locally.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ...	7,800	200	.....	.....	.....	8,000
(*b*) *Recurring* ...	6,83,800	3,29,050	3,29,050	3,29,050	3,29,050	20,00,000
Total ...	6,91,600	3,29,250	3,29,050	3,29,050	3,29,050	20,08,000

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10. *To what extent is the scheme productive and/or cost recoverable.*—The scheme is of lasting benefit to the rural population through sanitation of villages, prevention of epidemics by means of permanent and emergent measures and improving the general health of the rural population by means of actual demonstrations and education propaganda.

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.*—Motor lorries.

(*b*) *locally.*—Augers for boring holes for village latrines, disinfectants like phenyle, lysotol white, bleaching powder, potassium permanganate, barium carborate, mosquito nets, pick-axes, etc.

12. *Any other remarks or information.*—Nil.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 131 (92 and 94).

1. *Department.*—Public Health.

2. *Scheme.*—Establishment of Combined Medical and Public Health Units.

3. *Brief description of the scheme.*—It is proposed to create combined Medical and Public Health units for carrying out sanitary improvement work and for providing maternity and child welfare service in a group of villages covered by a centre in each taluka of the Province. There will be a small maternity home of about four beds at the centre where labour cases will be conducted by the midwife with the help of the trained dai, under the supervision of the Lady Health Visitor and the Subsidised Medical Practitioner, if necessary. The Health Visitor and the midwife will during spare time be visiting the villages (about 4 to 6) included in the combined unit. They will check up ante-natal registration, provide instruction to expectant and nursing mothers, arrange for clinics on this behalf and such other work. The Health Assistants under the sanitary unit will organize and carry out all the necessary work for improvement of sanitation of villages and epidemic measures. The Subsidised Medical Practitioner will, in addition to his usual work of medical relief, supervise the work of the combined unit. The unit as a whole will work under the guidance of the District Health Officer, if there is one, or of the Assistant Director of Public Health.

4. *Areas selected for application.*—There will be one centre in every taluka of the Province with a group of 4 to 6 villages comprising 8,000 to 10,000 population within a radius of 3 to 5 miles.

5. *Other departments concerned.*—Medical Department.

6. *Upper staff for planning and/or execution of the scheme.*—(*a*) No staff is required for planning.

(*b*) For execution—One Subsidised Medical Practitioner of allopathic type per taluka [honorarium Rs. 75 (p. m.)].

7. *Lower staff for planning and/or execution of the scheme.*—(*a*) No staff is required for planning.

(*b*) For execution the following staff will be required for each taluka:—

One Health Visitor—Rs. 75—10/2—175.

One Midwife—Rs. 50—5—70.

One Trained Dai—Rs. 30—2—50.

One Woman Attendant—Rs. 15 (p. m.).

Two Health Assistants—Rs. 45—5/2—85.

Two Mukadams—Rs. 25—1—40.

Four Sanitary Orderlies—Rs. 20—1/2—30.

8. *How staff to be obtained.*—By advertisement or by selection of suitable candidates from the Medical or Public Health Department.

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9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ...	7,02,000	7,74,500	7,74,500	7,74,500	7,74,500	38,00,000
(*b*) *Recurring* ...	5,00,750	1,49,812	1,49,812	1,49,813	1,49,813	11,00,000
Total ...	12,02,750	9,24,312	9,24,312	9,24,313	9,24,313	49,00,000

Note.—For want of staff (particularly Subsidised Medical Practitioners, Health Visitors, Midwives and Trained Dais), only two units out of 26 combined units sanctioned by Government could be started during 1946–47, and it is expected that it will be possible to open one new full-fledged combined unit and five sanitary units in each of the next four years.

10. *To what extent is the scheme productive and/or cost recoverable.*—The scheme is of lasting benefit to the rural population including families of returned soldiers though it may not be productive in terms of money, nor is any cost recoverable.

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.*—Nil.

(*b*) *locally.*—Furniture, equipment, etc.

12. *Any other remarks or information.*—Nil.

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SCHEME No. 132 (95).

1. *Department.*—Public Health.

2. *Scheme.*—Establishment of two more Health Units on the lines of the Health Unit at Sirur.

3. *Brief description of the scheme.*—The object of the Health Units is concentrated Public Health work carried on intensively among the rural population in compact areas. The units will also afford facilities of field training to the regular Public Health staff and rural practitioners' service, as suggested by the Central Advisory Board of Health. Government has sanctioned the establishment of one additional Health Unit during the financial year 1946–47, and proposals for establishment of the third Unit are under consideration.

4. *Areas selected for application.*—One each in the Northern and Southern Divisions of the Province. (There is one unit already working in the Central Division).

5. *Other departments concerned.*—Local Bodies and Revenue Department.

6. *Upper staff for planning and/or execution of the scheme.*—No staff is required for planning. For execution—Two Medical Officers of Health in the scale of Rs. 300—40/3—500. Qualifications—Medical qualification registrable by the Bombay Medical Council and British Diploma in Public Health or B.Hy. (Bom.) or D.P.H. (Bom.) or D.P.H. (Calcutta).

7. *Lower staff for planning and/or execution of the scheme.*—No staff is required for planning.

For execution—
Two Lady Doctors—Rs. 150—10—190.
Eight Health Visitors—Rs. 60—10/2—150.
Sixteen Midwives—Rs. 50—5—75.
Eight Sanitary Inspectors—Rs. 60—10/2—150.
Two Clerks—Rs. 25—5/2—55.
Eight Sanitary Orderlies on Rs. 14 p. m. each.
Four Peons on Rs. 14 p. m. each.

8. *How staff to be obtained.*—
Upper Staff.—To be obtained either from the personnel released from the Army or by advertisement.

Lower Staff.—To be recruited locally. Returned soldiers can be employed as peons and Sanitary orderlies.

9. *Rough estimates of cost at existing rates for each year of the Frist Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ...	6,000	.....	.....	.....	.....	6,000
(*b*) *Recurring* ...	72,250	78,437	78,437	78,438	78,438	3,86,000
Total ...	78,250	78,437	78,437	78,438	78,438	3,92,000

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10. *To what extent is the scheme productive and/or cost recoverable.*—The scheme is of lasting benefit to the rural population by conducing to healthy life and raising the standard of living of villagers.

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.*—Nil.

(*b*) *locally.*—Augers for boring holes for village latrines, disinfectants like lysotol white, bleaching powder, tropical chloride of lime, potassium permanganate, barium carbonate, phowras, pick-axes, etc.

12. *Any other remarks or information.*—The scheme is complete in itself. No recruitment time-table or planning is required.

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SCHEME No. 133.

1. *Department.*—Public Health.

2. *Scheme.*—Comprehensive scheme for Malaria control with D. D. T. in Kanara and Dharwar districts.

3. *Brief description of the scheme.*—The question of successfully tackling the malaria situation in the Province has been engaging the attention of Government for many years. The Permanent Organisation already started has carried out experiments with D.D.T. in the malarious tracts in the Poona and Kanara districts, which have proved very successful. This is a comprehensive 5-year scheme for the control of malaria in the whole of Kanara district and in a part of the Dharwar district affecting more than a million population and in an area of 6,000 square miles.

4. *Areas selected for application.*—The whole of Kanara district and a part of the Dharwar district.

5 *Other departments concerned.*—Nil.

6. *Upper staff for—*

(*a*) *planning.*—Nil.

(*b*) *execution.*—4 Medical Officers.

Qualifications.—M.B.B.S. degree of the Bombay University or any other qualifications specified in the first or second schedule of the Indian Medical Council Act, 1933 and experience in blood work in Malaria, preference being given to candidates holding D.T.M. or M.D. (in Tropical Medicine) or Sanitary Inspectors' Certificate.

Scale—Rs. 350—50/2—700 *plus* P. T. A. Rs. 60 p. m. each.

7. *Lower Staff for—*

(*a*) *planning.*—Nil.

(*b*) *execution.*—8 Assistant Medical Officers—qulifications M.B.B.S. or L.C.P.S.—scale Rs. 100—10—200, *plus* special pay Rs. 40 p. m. each, P.T.A. at Rs. 40 p. m. each and compensatory allowance for loss private practice at Rs. 30 p.m. each.

One Head Clerk—Rs. 135—5—180.

One Accountant—Rs. 95—5—125.

One Camp Clerk—Rs. 80—5/2—95.

Seven Clerks—Rs. 25—5/2—55 (a qualified candidate may be started on Rs. 30 p. m.).

26 Havildars—Rs. 35—5/2—60 *plus* P.T.A. at Rs. 15 p.m. each.

120 Sepoys on Rs. 14 p.m. each *plus* P.T.A. at Rs. 10 p.m. each.

Five Lorry Drivers—Rs. 35—5/2—80 *plus* P.T.A. at Rs. 10 p.m. each.

Five Cleaners—Rs. 25—1/2—30 *plus* P.T.A. at Rs. 6-8-0 p. m. each.

8. *How staff to be obtained.*—

(*a*) *Upper staff.*—by advertisement.

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(*b*) *Lower staff.*—Medical Officers—advertisement or suitable candidates from returned Military presonnel.

Head Clerk and Accountant by advertisement, Clerks, Havildars, Sepoys, Lorry Drivers and Cleaners by recruitment of suitable candidates from returned Military personnel if available or locally.

9. *Rough estimates of cost at existing rates for each year of tthe First Five-Year Plan.*—

——	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ...	.....	12,500	12,500	12,500	12,500	50,000
(*b*) *Recurring* ...	3,71,700	3,44,575	3,44,575	3,44,575	3,44,575	17,50,000
Total ...	3,71,700	3,57,075	3,57,075	3,57,075	3,57,075	18,00,000

10. *To what extent is the scheme productive and/or cost recoverable.*—Malaria takes a very heavy toll of life and saps the vitality of the working classes. This scheme would help to eradicate malaria in some years to come, resulting ultimately in better economic life in the vast rural areas of the Province.

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.*—Nil.

(*b*) *locally.*—D.D.T. Kerosene and Medium Kerosene Extract. Malariol B, Trucks, Petrol, Sprayers, etc.

12. *Any other remarks or information.*—Nil.

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SCHEME No. 134.

1. *Department.*—Public Health.

2. *Scheme.*—Formation of three Mobile Field Hospital Units.

3. *Brief description of the scheme.*—At present no facilities exist in the rural areas of the Province for the treatment of cases of infectious diseases. Consequently the mortality rate on account of these diseases is very high. New drugs such as Sulphathiazole have proved that by proper treatment the mortality rate of plague can be appreciably reduced. There is also prejudice in the minds of the rural population regarding removal of cases to hospitals and it is necessary to remove this prejudice by demonstrating the benefit of hospital treatment nearer to their houses and also to extend the benefit of new drugs to the rural population for avoiding unnecessary waste of human life. The formation of three Mobile Hospital Units, one in each Registration district, has been sanctioned by Government for a period of two years in the first instance.

4. *Areas selected for application.*—Bombay Province.

5. *Other departments concerned.*—Medical Department.

6. *Upper staff for planning and/or execution of the scheme.*—

(*a*) *For Planning.*—Nil.

(*b*) *For Execution.*—Three Medical Officers—Qualifications—M.B.B.S. degree of the Bombay University or any other equivalent qualification.

Pay-scale.—Rs. 200—40/3—240—E.B.—40/3—400; Compensatory Allowance for loss of private practice Rs. 50 *plus* Special Compensatory Allowance Rs. 50.

7. *Lower staff for planning and/or execution of the scheme.*—

(*a*) *For Planning.*—Nil.

(*b*) *For Execution.*—Six Assistant Medical Officers—Qualifications—M.B.B.S. or L.C.P.S.

Pay Rs. 160 p. m. *plus* Special pay of Rs. 20 p. m.; Compensatory Allowance for loss of private practice Rs. 20 p. m. *plus* Special Compensatory Allowance Rs. 30 p.m.

Thirty Nurses.—Pay Rs. 150 p. m. *plus* Special Compensatory Allowance Rs. 30 p. m. each.

Three Compounders.—Pay Rs. 50 p. m. *plus* Special Compensatory Allowance Rs. 15 p. m.

Twelve Ward Boys.—Pay Rs. 30 p. m. *plus* Special Compensatory Allowance Rs. 8 p. m.

Twelve Ward Ayahs.—Pay Rs. 30 p. m. *plus* Special Compensatory Allowance Rs. 8 p. m.

Fifteen Sweepers.—Pay Rs. 30 p. m. *plus* Special Compensatory Allowance Rs. 8 p. m.

Six Cooks.—Pay Rs. 30 p. m. *plus* Special Compensatory Allowance Rs. 8 p. m.

Three Dhobis.—Pay Rs. 30 p. m. *plus* Special Compensatory Allowance Rs. 8 p. m.

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Six Peons.—Pay Rs. 20 p. m. *plus* Special Compensatory Allowance Rs. 8 p.m.

Six Drivers.—Pay Rs. 80 p. m. *plus* Special Compensatory Allowance Rs. 8 p. m.

Six Cleaners.—Pay Rs. 30 p. m. *plus* Special Compensatory Allowance Rs. 6 p. m.

8. *How staff to be obtained.*—

Upper staff.—By advertisement or by selection of suitable candidates from the Medical or Military Department.

Lower Staff.—Assistant Medical Officers, Nurses, Compounders, Ward Boys, Ward Ayahs—by advertisement or by selection of suitable candidates from Medical or Military Department.

Sweepers, Cooks, Dhobis, Peons.—Locally.

Drivers and Cleaners.—By advertisement or from released ex-servicemen.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ...	45,000	.....	.....	.....	.....	45,000
(*b*) *Recurring* ...	2,50,000	1,76,250	1,76,250	1,76,250	1,76,250	9,55,000
Total ...	2,95,000	1,76,250	1,76,250	1,76,250	1,76,250	10,00,000

10. *To what extent is the scheme productive and/or cost recoverable.*—Not directly productive.

11. *Nature of material, machinery, etc., needed from*—

(*a*) *abroad.*—Nil.

(*b*) *locally.*—Motor vans, Tarpaulins, furniture, linen, beddings, etc.

12. *Any other remarks or information.*—Nil.

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SCHEME No. 135.

1. *Department.*—Public Health.

2. *Scheme.*—Formation of 6 Mobile Hygiene Units.

3. *Brief description of the scheme.*—The scanty Public Health Staff appointed for the control of epidemics in rural areas cannot cope with the situation, with the result that epidemics spread and the situation goes out of control. The difficulty is further aggravated due to inadequate transport facilities in the infected areas. It is therefore necessary to provide free conveyance for the transport of staff and material to the infected areas. Six hygiene units have been sanctioned by Government up to the end of April 1947. It is essential to continue these units more or less on a permanent basis in future.

4. *Areas selected for application.*—Belgaum, Satara, Sholapur, Ahmednagar, Dharwar and Bijapur districts.

5. *Other departments concerned.*—Nil.

6. *Upper staff for planning and/or execution of the scheme.*—Nil.

7. *Lower staff for planning and/or execution of the scheme.*—

(*a*) *For planning.*—Nil.

(*b*) *For execution.*—

Six Epidemic Medical Officers.—Qualifications—L.C.P.S. or M.B.B.S.—Pay Rs. 160 p. m. each *plus* Special Pay Rs. 20 p. m. each, and Compensatory Allowance for loss of private practice Rs. 20 p. m. each.

Twenty-four Inoculators.—Qualifications—Matriculates or repeators for the Matriculation Examination and trained in inoculation and other anti-epidemic measures. Pay Rs. 80 p. m.

Six Drivers.—Pay Rs. 80 p. m. each *plus* Special Compensatory Allowance Rs. 8 p. m. each.

Six Cleaners.—Pay Rs. 30 p. m. each *plus* Special Compensatory Allowance Rs. 6 p. m. each.

Six Mukadams.—Pay Rs. 29 p. m. each.

Twenty-four Coolies.—Pay Rs. 14 p. m. each.

8. *How staff to be obtained.*—By advertisement.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ...	.....	.....	.....	.....	.....	.....
(*b*) *Recurring* ...	1,58,000	2,48,000	2,48,000	2,48,000	2,48,000	11,50,000
Total ...	1,58,000	2,48,000	2,48,000	2,48,000	2,48,000	11,50,000

10. *To what extent is the scheme productive and/or cost recoverable.*—Not directly productive.

11. *Nature of material, machinery, etc., needed from*—

(*a*) *abroad.*—Nil.

(*b*) *locally.*—Cyanogas pumps, Inoculation outfits, spraypumps, etc.

12. *Any other remarks or information.*—Nil.

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SCHEME No. 136 (77).

1. *Department.*—Public Works Department.

2. *Scheme.*—Public Health Projects.

3. *Brief description of the scheme.*—
4. *Areas selected for application.*—

As given in the accompanying statement A, out of 59 Projects to be carried out during the first 5-year period, 5 schemes are to be treated as Government schemes and the remaining 54 schemes will be Municipal schemes aided by Government up to a maximum of 50 per cent. of the cost.

5. *Other departments concerned.*—General Department.

6. *Upper staff for planning and/or execution of the scheme.*—
7. *Lower staff for planning and/or execution of the scheme.*—
8. *How staff to be obtained.*—

Vide Statement "C" attached.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

Five Government Schemes.

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* (in thousands) ...	10,00	18,00	37,00	66,66	54,56	1,86,22
(*b*) *Recurring* ...	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*

Fifty-four Government-aided Municipal Schemes.

(*a*) *Capital* (in thousands) ...	29,93	52,04	84,00	1,19,86	1,36,38	4,22,21
(*b*) Government Grant-in-aid (in thousands) ...	12,08	20,01	31,08	46,73	53,42	1,63,32
(*c*) *Recurring* ...	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*

10. *To what extent is the scheme productive and/or cost recoverable.*—These schemes are productive so far as the return of capital with interest and annual expenditure on M. & R. is concerned. As a rule by levy of water cess and drainage cess, these schemes are made self-supporting and capital cost borrowed is paid up in about 30 years.

11. *Nature of material, machinery, etc., needed from*—

(*a*) *abroad.*—
(*b*) *locally.*—

Vide Statement "B" attached.

12. *Any other remarks or information.*—The Cabinet's allocation for Public Health Projects over five years is Rs. 3,49,54,000—Rs. 1,86,22,000 for Government projects and Rs. 1,63,32,000 for grants-in-aid.

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SCHEME No. 136.

STATEMENT "A".

Public Health Projects.

Serial No.	Scheme.	Brief description of the scheme.	Areas selected for application.	Other Departments concerned.	Rough estimated cost at 1938–39 + 100 per cent. rates.	Expenditure likely to be incurred in first five years.	Recurring charges.
1	2	3	4	5	6	7	8
		GOVERNMENT SCHEMES.			Rs. in lakhs.	Rs. in lakhs.	
1	Water Supply	... Neersagar Water Supply for Dharwar and Hubli.	Dharwar and Hubli.	General and Finance Departments.	138·17	138·17	These are fully recovered from Water Taxes and from Special Sanitary Cess.
2	Do.	... Improvements to Alandi Water Supply.	Alandi.		1·00	1·00	
3	Do.	... Belgaum Water Supply ...	Belgaum.		48·00	39·99	
4	Do.	... Khadakwasla Water Supply for Poona and Kirkee.	Greater Poona including City, Cantonment and Suburbs.		93·33	6·66	
	Do.	... Improvements to Pandharpur Water Supply.	Pandharpur.		4·40	0·40	
				Total ...	284·90	186·22	

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MUNICIPAL SCHEMES.

				First Year.				
1	Water Supply	...	Saswad Water Supply	...	Saswad.	5·24	5·24	These are fully recovered from Water Taxes and from Special Sanitary Cess.
2	Do.	...	Improvements to Surat Water Supply Distribution System.		Surat.	2·56	2·56	
3	Do.	...	Constructing a Dam over the lake at Matheran.		Matheran.	3·87	3.87	
4	Do.	...	Constructing Islampur Water Supply—Krishna River Scheme.		Islampur (District Satara).	11·54	11·54	
5	Do.	...	Constructing Nipani Water Supply—Shirguppi Nala Scheme.		Nipani (District Belgaum).	9·28	9·28	
6	Drainage	...	Sholapur Drainage Outfall Works.		Sholapur.	27·20	27·20	
7	Water Supply	...	Nadiad Water Supply	...	Nadiad.	23·37	23·37	
8	Drainage	...	Nadiad Drainage	...	Nadiad.	19·27	19·27	
9	Water Supply	...	Karad Water Supply	...	Karad (District Satara).	5·20	5·20	
10	Do.	...	Kaira Water Supply	...	Kaira.	3·25	3·25	
				Second Year.				
11	Water Supply	...	Urgent Improvements to Kas Channel of Satara Water Supply.		Satara.	1·52	1·52	
12	Do.	...	Ahmednagar Filtration Plant Scheme.		Ahmednagar.	3·59	3·59	
13	Drainage	...	Ahmednagar Drainage	...	Do.	4·53	4·53	

General and Finance Departments.

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STATEMENT A—*contd.*

Serial No.	Scheme.	Brief description of the scheme.	Areas selected for application.	Other Departments concerned.	Rough estimated cost at 1938–39 + 100 per cent. rates.	Expenditure likely to be incurred in first five years.	Recurring charges.
1	2	3	4	5	6	7	8
					Rs. in lakhs.	Rs. in lakhs.	
14	Drainage	... Surat Drainage	... Surat.		108·00	90·00	
15	Water Supply	... Wada Water Supply	... Wada (District Thana).		1·14	1·14	
16	Do.	... Dohad Water Supply	... Dohad.		11·96	11·96	
17	Do.	... Improvements to Khed Water Supply.	Khed (District Ratnagiri)		2·15	2·15	
18	Do.	... Sunav Water Supply	... Sunav.		1·60	1·60	
			Third Year.				
19	Water Supply	... Mahableshwar Water Supply	... Mahableshwar.		10·12	7·20	
20	Drainage	... Mahableshwar Water Drainage.	Do.		2·75	2·75	
21	Do.	... Bandra Drainage Disposal Scheme.	Bandra.		4·00	4·00	These are fully recovered from

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22	Do.	...	Santacruz-Danda Drainage	...	Santacruz.		13·50	11·50
23	Water Supply	...	Sangamner Water Supply	...	Sangamner (District Nagar).		6·40	5·40
24	Drainage	...	Dharwar Drainage	...	Dharwar.		16·00	13·50
25	Do.	...	Jalgaon Drainage	...	Jalgaon.		20·00	13·50
26	Water Supply	...	Karmala Water Supply	...	Karmala (District Sholapur).		7·20	6·20
27	Do.	...	Kalyan Dombivali Water Supply.		Kalyan (District Thana).		20·00	18·50
28	Do.	...	Thana Water Supply	...	Thana.		4·80	4·80
29	Do.	...	Bhusaval Water Supply	...	Bhusaval (East Khandesh).		14·00	12·50
30	Drainage	...	Bhusaval Drainage	...	Do.		5·60	5·60
31	Do.	...	Ghatkopar Drainage	...	Ghatkopar.		10·50	7·00
32	Water Supply	...	Improvements to Surat Water Supply Surface Purification Works.		Surat.		12·00	10·80
33	Do.	...	Improvements to Ahmedabad Water Supply.		Ahmedabad.		13·50	10·50
					Fourth Year.			
34	Water Supply	...	Yeola Water Supply	...	Yeola (District Nasik).		4·00	3·00
35	Drainage	...	Yeola Drainage	...	Do.		3·00	2·00
36	Water Supply	...	Tasgaon Water Supply	...	Tasgaon (District Satara).		5·60	3·00
37	Do.	...	Mahad Water Supply	...	Mahad (District Kolaba).		3·00	1·50

Water Taxes and from Special Sanitary Cess.

General and Finance Departments.

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STATEMENT A—*contd.*

Serial No.	Scheme.	Brief Description of the Scheme.	Areas selected for application.	Other Departments concerned.	Rough estimated cost at 1938–39 + 100 per cent. Rates.	Expenditure likely to be incurred in first five years.	Recurring charges.
1	2	3	4	5	6	7	8
38	Drainage ...	Gadag Bettigiri Drainage ...	Gadag (District Dharwar)		3·20	1·50	
39	Water Supply ...	Improvements to Bhiwandi Water Supply.	Bhiwandi (District Thana)		3·70	3·00	
40	Drainage ...	Bhiwandi Drainage ...	Do.		5·30	3·00	
41	Water Supply ...	Godhra Water Supply ...	Godhra.		16·00	9·00	
42	Drainage ...	Godhra Drainage ...	Do.		8·00	3·60	
43	Do. ...	Ranebennur Drainage ...	Ranebennur (District Dharwar).		5·56	1·80	
44	Do. ...	Kurla Drainage ...	Kurla.		3·04	3·04	
45	Water Supply ...	Amalner Water Supply ...	Amalner.		8·00	7·50	
			Fifth Year.				
46	Drainage ...	Ilkal Drainage ...	Ilkal (District Bijapur).		3·60	1·00	
47	Do. ...	Byadgi Drainage ...	Byadgi (District Dharwar)		3·20	1·00	These are fully recovered from

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48	Drainage	...	Saundatti Yellama Drainage	...	Saundatti (District Belgaum).		3·00	1·00	Water Taxes and from Special Sanitary Cess.
49	Do.	...	Bail-Hongal	...	Bail-Hongal (District Belgaum).		3·20	1·00	
50	Water Supply	...	Sinnar Water Supply	...	Sinnar (District Nasik).		5·20	3·00	
51	Drainage	...	Sinnar Drainage	...	Do.		4·00	2·00	
52	Water Supply	...	Malegaon Water Supply	...	Malegaon (District Nasik).		8·00	2·00	
53	Drainage	...	Kalyan Drainage	...	Kalyan.		24·00	4·50	
54	Water Supply	...	Improvements to Jalgaon Water Supply.		Jalgaon (East Khandesh).		16·00	3·75	
						Total for Municipal Schemes ...	544·24	422·21	
						Adding Total for Government Schemes ...	284·90	186·22	
						Grand Total ...	829·14	608·43	

General and Finance Departments

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STATEMENT B.

Public Health Projects included in First Five-Year Period.

Statement of probable quantities of materials required for executing Government Schemes.

Serial No.	Name of the Scheme.	Cement in tons.	Timber C.As. in C.ft.	Asbestos Sheets in S.ft.	M.S. Bars ½″ to ⅛″ in tons.	R.S.J. Angles, Tees in tons.	G. I. Pipes in R.ft.			
							½″ dia.	1″ dia.	1½″ dia.	2″ dia.
1	2	3	4	5	6	7	8			
1	Neersagar Water Supply	1,500	6,000	37,000	70	6·5	...	...	1,000	...
2	Belgaum Water Supply	300	2,400	14,300	25	5	400	...	...	...
3	Alandi Water Supply : Filtration Plant Scheme.	Details will be worked out in due course.								
4	Khadakwasla Water Supply for Poona and Kirkee.									
5	Improvements to Pandharpur Water Supply.									

Serial No.	Name of the Scheme.	Hume Steel Pipes R.ft.					Hume Pipe "A" Class.				
		30″	24″	21″	18″	10″	36″	27″	21″	18″	15″
				9					10		
1	Neersagar Water Supply	22,900	35,500	...	30,400	...	...	...	...	...	...
2	Belgaum Water Supply	...	...	45,100	...	...	...	...	...	...	...
3	Alandi Water Supply : Filtration Plant Scheme.	Details will be worked out in due course.									
4	Khadakwasla Water Supply for Poona and Kirkee.										
5	Improvements to Pandharpur Water Supply.										

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	Name of the Scheme.	Hume Pipe "A" Class.					Hume Concrete "C" Class.			
		12″	9″	30″	24″	21″	18″	15″	12″	10″
		10				11				
1	Neersagar Water Supply			5,150	200	16,000	14,300	...	...	...
2	Belgaum Water Supply			...	...	...	...	...	200	...
3	Alandi Water Supply : Filtration Plant Scheme.	Details will be worked out in due course.								
4	Khadakwasla Water Supply for Poona and Kirkee.									
5	Improvements to Pandharpur Water Suppiy.									

	Name of the Scheme.	Hume Concrete, "C" Class.					C. I. Pipes.				
		9″	6″	5″	4″	3″	21″	18″	15″	12″	10″
				11				12			
1	Neersagar Water Supply									150	...
2	Belgaum Water Supply						105	2,650	...	505	...
3	Alandi Water Supply : Filtration Plant Scheme.	Details will be worked out in due course.									
4	Khadakwasla Water Supply for Poona and Kirkee.										
5	Improvements to Phandarpur Water Supply.										

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STATEMENT "B"—*contd.*

	Name of the Scheme.	C. I. Pipes.							C. I. Specials.		
		9″	8″	6″	5″	4″	3″	2″	Sluice Valve.	Scour Valve.	Air Valve.
				12					13		
1	Neersagar Water Supply	6,000	...	13,000	...	...	...	...	50	25	20
2	Belgaum Water Supply	52	...	...	...	120	...	...	39	4	10
3	Alandi Water Supply : Filtration Plant Scheme.	Details will be worked out in due course.									
4	Khadakwasla Water Supply to Poona and Kirkee.										
5	Improvements to Pandharpur Water Supply.										

	Name of the Scheme.	C. I. Specials.			Stone Water Pipes.	
		Reflux Valve.	Ball Valve.	Bib. Cocks.	9″	6″
				13		14
1	Neersagar Water Supply	3	...	...	...	...
2	Belgaum Water Supply	...	...	...	...	...
3	Alandi Water Supply : Filtration Plant Scheme.	Details will be worked out in due course.				
4	Khadakwasla Water Supply for Poona and Kirkee.					
5	Improvements to Pandharpur Water Supply.					

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	Name of the Scheme.	Pumping Machinery.	Remarks.
		15	16
1	Neersagar Water Supply ...	... Raw Water Pumping ...	... (*i*) Duplicate set of 750 B. H. P. duel fuel engine and Centrifugal pumps. (*ii*) 153 B. H. P. duel fuel engines and centrifugal.
2	Belgaum Water Supply ...	... Pure Water Pumping ...	... Duplicate set of 260 B. H. P. crude oil engine and centrifugal pumps.
3	Alandi Water Supply : Filtration Plant Scheme.	Details will be worked out in due course.	
3	Khadakwasla Water Supply for Poona and Kirkee.		
5	Improvements to Pandharpur Water Supply.		

Note.—Details of materials for Municipal Schemes in Statement "A" will be worked out in due course.

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STATEMENT "C".

Establishment for Scheme 136.

No. and Designation.	Scales.
Upper Staff:—	
Three Executive Engineers.	
Fifteen Deputy Engineers.	
Seventy-eight Overseers.	
Lower Staff.—	
Three Divisional Accountants.	
Three Head Clerks.	
Three Senior Accounts Clerks.	
Twelve Senior Clerks.	
Sixty-six Junior Clerks.	
Three Daftaries.	
Drawing Branch:—	Scales as sanctioned *from time to time.*
Six Draftsmen.	
Eighteen Assistant Draftsmen.	
Thirty Tracers.	
Three Computors.	
Store Branch:—	
Three Store-keepers.	
Three Assistant Store-keepers.	
Menials.—	
Three Naiks.	
Sixty-six peons.	
Twelve Chawkidars.	

Note.—The Staff will be obtained:—
(*i*) Partly by promotion from within the Dep artment if possible,
(*ii*) Partly by recruitment from outside.

Abstract of Expenditure.

Particulars.	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
			Rupees in Lakhs.			
Rough estimates of cost at existing rates for each year of the First Five-Year Plan. Recurring.	2·5	3·67	4·45	4·45	4·45	19·52

Note.—The expenditure does not include any other over-head charges except for the class of establishment shown in this Statement.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 137 (93).

1. *Department.*—General Department.

2. *Scheme.*—Village Water Supply.

3. *Brief description of the scheme.*—The proposal is to provide adequate facilities for obtaining portable water supply in all villages in the Province, where such facilities do not exist or are insufficient. The scheme embraces construction of new wells, deepening of old wells, conversion of step-wells into draw-wells, dug-out type tanks, bandharas and small storage reservoirs, percolation tanks, etc., as may be found suitable and economical to particular localities. This scheme has been assigned Top Priority.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Public Works and Revenue Departments.

6. *Upper staff for planning and/or execution of the scheme.*—

7. *Lower staff for planning and/or execution of the scheme.*—

8. *How staff to be obtained.*—

The Chief Engineer, Public Works Department, Poona, will be responsible for planning and executing the schemes through the local officers of the Public Works Department, District Local Boards, etc., in consultation with the Collectors of districts, regarding priority and other details. Additional staff will be engaged as and when necessary.

9. *Rough estimates of cost at Post-War rates (Pre-War + 100 per cent.) for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total for 5 years.
	(in lakhs of Rupees.					
I. *Capital*—						
(*a*) Works ...	35·00	38·00	40·00	44·00	45·00	2,02·00
(*b*) Establishment.	7·00	7·60	8·00	8·80	9·00	40·40
Total Capital ...	42·00	45·60	48·00	52·80	54·00	2,42·40
II. *Recurring*—						
Works. ...	.....	0·35	0·73	1·13	1·57	3· 8
Total ...	42·00	45·95	48·73	53·93	55·57	2,46·18

10. *To what extent is the scheme productive and/or cost recoverable.*—The scheme will not be directly productive.

11. *Nature of material, machinery, etc., needed.*—A large number of boring machines and a few mechanical excavators for desilting of old tanks may be required.

12. *Any other remarks or information.*—The pogramme of expenditure in the first five-year period is based on information available and collected by the Village Water Supply Divisions in 1941. Actual execution will be taken up in the case- of works for which plans and estimates have been drawn up and are ready, and surveys and investigation of new schemes will be undertaken side by side in the case of other localities.

The cost of the scheme corresponds with the Cabinet's allocation.

NATIONAL ARCHIVES OF INDIA

NATIONAL ARCHIVES OF INDIA

TOWN PLANNING AND VALUATION.

The Cabinet's allocation for this sub-head of development over five years is Rs. 9,13,000. The cost of the two schemes works out to Rs. 9,06,000 which is within the Cabinet's allocation.

NATIONAL ARCHIVES OF INDIA

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SCHEME No. 138 (11-E).

1. *Department.*—Town Planning and Valuation.

2. *Scheme.*—Training Abroad in Estate Management.

3. *Brief description of the scheme.*—The Town Planning and Valuation Department has under consideration important problems of Regional Planning and Prevention of Ribbon Development and housing. To deal with these problems efficiently, it is necessary to depute officers from the Department for training in modern principles of housing and town planning. To start with, Mr. V. K. Bakre, officiating Senior Assistant from the Department, has already been deputed to the United Kingdom in January 1946 for higher training is Estate Management.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Nil.

6. *Upper staff for planning and/or execution of the scheme.*—
7. *Lower staff for planning and/or execution of the scheme.*— } Nil.
8. *How staff to be obtained.*—

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ...	.....	.....	.....	.....	.....	.....
(*b*) *Recurring* ...	6,000	6,000	6,000	6,000	.....	24,000

The above amounts exclude costs on account of (1) passage charges to be borne by Government and (2) academical fees.

10. *To what extent is the scheme productive and/or cost recoverable.*—Nil.

11. *Nature of material, machinery, etc., needed from*—
(*a*) *abroad.*—Nil.

(*b*) *locally.*—Nil.

12. *Any other remarks or information.*—The scheme is already under execution.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 139.

1. *Department.*—Town Planning and Valuation.

2. *Scheme.*—Replanning and Extension of towns and villages.

3. *Brief description of the scheme.*—With a view to creating better living conditions in rural and urban areas, it is proposed to prepare Master Plans for all towns and villages with a population of 2,000 or more after requisite Civic Survey. The Master Plan would make provision for—

(*a*) Replanning of the gaothans to remove congestion and blight;

and

(*b*) Planning of suitable open lands on the outskirts of the gaothans for the re-housing of the people dis-housed from the slums and also for future expansion and especially controlling development within a radius of one mile from the National Highways, Provincial and District Roads near the existing towns and villages.

4. *Areas selected for application.*—Gradually the whole Province. However, with the assistance of the special staff proposed to be appointed, it would be possible to deal with about 50 towns or villages in order of priority under the First Five-Year Plan.

5. *Other departments concerned.*—Revenue, Public Works, General and Finance Departments.

6. *Upper staff for planning and/or execution of the scheme.*—

1. Consulting Surveyor to Government	Special Pay Rs. 300 *plus* C. A. Rs. 100 p. m.
3. Seior Assistants	Rs.300—30—600 *plus* C. A. Rs. 50 p. m.

7. *Lower staff for planning and/or execution of the scheme.*—

	Rs.
8 Junior Assistants	250—15—400 *plus* C. A. Rs. 40 p. m.
16 Surveyors	150—10—250 *plus* C. A. Rs. 20 p. m.
5 Junior Draftsmen	100—5—150
5 Tracers	50—5—100
5 Junior Draftsmen	100— 5—150
5 Tracers	50— 5—100
1 Office Superintendent	300—20—400
1 Accountant	150—10—250
2 Senior Clerks	100— 5—150
5 Junior Clerks	50— 5—100
15 Peons	20 p. m. each.

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8. *How staff to be obtained.—*

(1) Gazetted Staff partly by promotion from within the Department and partly by recruitment through the Public Service Commission.

(2) Non-gazetted Staff by selection from the existing personnel of the Town Planning and Valuation Department and by advertisement.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.—*

	1st year.	2nd year	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(a) *Capital* (Survey and Drawing Instruments) ...	18,000	3,000	3,000	3,000	3,000	30,000
(b) *Recurring* (Establishment including Allowances and Contingencies) ...	1,58,000	1,64,000	1,70,000	1,77,000	1,83,000	8,52,000
Total ...	1,76,000	1,67,000	1,73,000	1,80,000	1,86,000	8,82,000

10. *To what extent is the scheme productive and/or cost recoverable.*—Not directly productive and no cost recoverable. With the improvement in the existing deplorable conditions of the towns and villages the annual recurring expenditure on Public Health Services would be considerably reduced. The improvement in general standard of health is bound to result in increased work and production.

11. *Nature of material, machinery, etc., needed from—*

(a) *abroad.*—Theodolites, Levels, Plane-Tables and other Surveying and Drawing Instruments, etc., if not available locally.

(b) *locally.*—Drawing instruments and materials, Stationery and Office furniture and other office equipment including typewriters, etc.

12. *Any other remarks or information.*—The improvement of the towns and villages which cannot be undertaken during the First Five-Year Plan is proposed to be taken up in the subsequent Five-Year Plans. If finances permit, the staff would be increased to curtail the period of programme. The proposals made in the Master Plans will be executed by the Local Authorities concerned.

NATIONAL ARCHIVES OF INDIA

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INDUSTRIES AND FISHERIES.

(SCHEMES 140 TO 153 AND 154 TO 161).

The Cabinet's allocation for the head of development "Industries and Fisheries" is Rs. 1 crore over five years. The cost of "Industries" schemes comes to Rs. 58,50,484 and that of "Fisheries" schemes to Rs. 33,56,591, making a total of Rs. 92,07,075 which is within the Cabinet's allocation.

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SCHEME No. 140 (71).

1. *Department.*—Department of Industries.

2. *Scheme.*—Extension of Apprentice Scheme (I).

3. *Brief description of the scheme.*—It is proposed to extend the existing apprentice scheme in places where facilities are available. The apprentice scheme contemplates the admission into a number of industrial establishments of boys, whose education has progressed up to about the 7th English Standard for training for a period of about 5 years. These boys will be bound by the terms of agreement to attend technical classes in the evening during the whole period of their training. Under this arrangement their practical and theoretical training will be carried on simultaneously. The number of boys to be taken up will be approximately that which can be absorbed in the industries concerned after the completion of their training.

4. *Areas selected for application.*—Sholapur, Poona, Surat and Hubli.

5. *Other departments concerned.*—The Public Works Department for the preparation of the plans and estimates for the buildings (sheds) for the evening technical classes to be held at the centres in question.

6. *Upper staff for planning and /or execution of the scheme.*—The Deputy Director of Industries for Planning and execution of this scheme along with the other industrial schemes.

7. *Lower staff for planning and/or execution of the scheme.*—Technical and clerical staff at *each* centre—

14 Part-time teachers at a flat rate of Rs. 3 per hour.

6 Part-time Hamals and Laboratory Assistants at the rate varying from annas 4 to Rs. 1-4 per hour according to the nature of work. The actual rate to be determined by the Director of Industries.

One clerk—Rs. 25—5/2—55.

One peon on Rs. 15 p. m.

8. *How staff to be obtained.*—By advertisement.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ...	50,000	.....	.....	.....	.....	50,000
(*b*) *Recurring* ...	.....	.....	.....	.....	.....	.....
(*i*) Pay of staff, etc.	15,704	25,824	34,808	47,856	48,096	1,72,288
(*ii*) Dearness Allowance ...	1,804	1,804	1,804	1,804	1,804	9,020
(*iii*) Temporary. Additional Pay.	440	440	440	440	440	2,200
Total ...	67,948	28,068	37,052	50,100	50,340	2,33,508

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10. *To what extent is the scheme productive and/or cost recoverable.*—10 per cent. of the cost will be recoverable in the shape of fees.

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.*—Machinery required for Engineering Workshop, Electrical Workshop and Textile machinery.

(*b*) *locally.*—Working benches and other small equipment.

12. *Any other remarks or information.*—The industrial establishments in the particular centre will have to agree to co-operate in the scheme and between them they will have to agree to admit 50 boys per year at each centre. The approximate number of boys proposed to be put under training during the five years is as follows :—

	1st year.	2nd year.	3rd year.	4th year.	5th year.
Centre ...	50	50 New	50 New	50 New	
		40 From previous year.	76 From previous year.	115 From previous year.	
Total ...	50	90	126	165	

The courses of training at present proposed are :—

(1) Mechanical and Related Trades.

(2) Electrical and Related Trades.

(3) Weaving, Spinning and Dyeing Departments in Textile Mills.

The scheme has been administratively approved and is open to soldiers.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 141 (71).

1. *Department.*—Department of Industries.

2. *Scheme.*—Extension of Apprentice Scheme (II).

3. *Brief description of the scheme.*—It is proposed to extend the existing apprentice scheme in places where facilities are available. The apprentice scheme contemplates the admission into a number of industrial establishments of boys whose education has progressed up to about the 7th English Standard, for training for a period of about 5 years. These boys will be bound by the terms of agreement to attend technical classes in the evening during the whole period of their training. Under this arrangement their practical and theoretical training will be carried on simultaneously. The number of boys to be taken up will be approximately that which can be absorbed in the industries concerned after the period of their training is over.

4. *Areas selected for application.*—Satara, Dhulia, Jalgaon and Bijapur.

5. *Other departments concerned.*—The Public Works Department for the preparation of the plans and estimates for the buildings (sheds) for the evening technical classes to be held at the centres in question.

6. *Upper staff for planning and/or execution of the scheme.*—The Deputy Director of Industries for planning and execution of this scheme along with the other industrial schemes.

7. *Lower staff for planning and/or execution the scheme.*—Technical and clerical staff at *each* centre :—

14 Part-time teachers at a flat rate of Rs. 3 per hour.

6 Part-time Hamals and Laboratory Assistants at rates varying from annas 4 to Rs. 1–4–0 per hour according to the nature of work. The actual rates to be determined by the Director of Industries. One clerk—Rs. 25—5/2—55. One peon on Rs. 15 p. m.

8. *How staff to be obtained.*—By advertisement.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(a) *Capital* ...	50,000	.....	.....	.....	.....	50,000
(b) *Recurring*—						
Pay of staff, etc....	15,704	25,824	34,808	47,856	48,096	1,72,288
Dearness Allowance ...	1,760	1,760	1,760	1,760	1,760	8,800
Temporary Additonal Pay.	440	440	440	440	440	2,200
Total ...	67,904	28,024	37,008	50,056	50,296	2,33,288

NATIONAL ARCHIVES OF INDIA

10. *To what extent is the scheme productive and/or cost recoverable.*—10 per cent. of the cost will be recoverable in the shape of fees.

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.*—Machinery required for Engineering Workshop, Electrical Workshop and Textile machinery.

(*b*) *locally.*—Working benches and other small equipment.

12. *Any other remarks or information.*—The industrial establishments in the particular centre will have to agree to co-operate in the scheme and between them they will have to agree to admit 50 boys per year at each centre. The approximate number of boys proposed to be put under training during the five years is as follows :—

	1st year.	2nd year.	3rd year.	4th year.	5th year.
Centre ...	50	50 New 40 From previous year.	50 New 76 From previous year.	50 New 115 From previous year.	
Total	50	90	126	165	

The courses of training at present proposed are :—

(1) Mechanical and Related Trades.

(2) Electrical and Related Trades.

(3) Weaving, Spinning and Dyeing Departments in Textile Mills.

The Scheme has been administratively approved and is suitable for soldiers.

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SCHEME No. 142 (110).

1. *Department.*—Department of Industries.

2. *Scheme.*—Headquarters staff for planning and execution of Post-War Schemes.

3. *Brief description of the scheme.*—To assist the Director of Industries in giving effect to the Post-War Schemes and in general in carrying out the increased work of the Department in respect of the large scale and small scale industries.

4. *Areas selected for application.*—Bombay.

5. *Other departments concerned.*—Nil.

6. *Upper staff for planning and/or execution of the scheme.*—Deputy Director of Industries—(Gazetted)—Rs. 600—30—660—40—1,100 + Conveyance Allowance Rs. 80 p. m.

7. *Lower staff for planning and/or execution of the scheme.*—

	Scale of pay. Rs.
Three Heads of Branches	150—10—220
Three Junior Assistants	135—5—180
Three Senior Clerks	95—5—140
Three Junior Clerks	50—5/2—90
One Steno-typist	50—5/2—90—5—140 + Rs. 40 p. m. shorthand allowance.
Three Typists	50—5/2—90—5—140.
Three peons	23 p. m. each.

8. *How staff to be obtained.*—

(*i*) *Deputy Director.*—Through the Public Service Commission.

(*ii*) *Lower staff.*—By promotion from the office staff and by advertisement.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ...	1,000	.....	.....	.....	.....	1,000
(*b*) *Recurring* ...	37,328	38,980	40,588	41,860	43,588	2,02,344
Total ...	38,328	38,980	40,588	41,860	43,588	2,03,344

10. *To what extent is the scheme productive and/or cost recoverable.*—

11. *Nature of material, machinery, etc., needed from*—

(a) *abroad.*—Nil.

(*b*) *locally.*—Nil.

12. *Any other remarks or information.*—Nil.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 143 (110).

1. *Department.*—Department of Industries.

2. *Scheme.*—District Staff for execution of Post-War Schemes.

3. *Brief description of the scheme.*—Assisting the Department in organising and surveying small scale and large scale industries, general work of the Department such as dissemination of technical and industrial information made available by the Head Office, etc.

4. *Areas selected for application.*—Ahmednagar, Satara, Kolaba and Ratnagiri.

5. *Other departments concerned.*—Nil.

6. *Upper staff for planning and/or execution of the scheme.*—Four District Industrial Officers—Rs. 150—10—250—E.B.—15—400 *plus* Conveyance Allowance Rs. 20 p. m. each.

7. *Lower Staff for planning and/or execution of the scheme.*—

	Scale of pay Rs.
Four Industrial Inspectors	...100—10—200
Eight Clerks	... 25—5/2—55
Eight Peons	... 15 p. m. each.

8. *How staff to be obtained.*—

(*i*) *District Industrial Officers.*—Through the Public Service Commission.

(*ii*) *Lower Staff.*—By advertisement.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ...	2,000	.....	.....	...	.....	2,000
(*b*) *Recurring* ...	23,236	24,696	26,136	27,096	28,536	1,29,700
Total ...	25,236	24,696	26,136	27,096	28,536	1,31,700

10. *To what extent is the scheme productive and/or cost recoverable.*—Nil.

11. *Nature of material, machinery, etc., needed from*—

(*a*) *abroad.*—
(*b*) *locally.*— } Nil.

12. *Any other remarks or information.*—Nil.

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SCHEME No. 144.

1. *Department.*—Department of Industries.

2. *Scheme.*—Industrial Statistics and Intelligence.

3. *Brief description of the scheme.*—The principal functions of the Commercial Intelligence and Industrial Statistics Organisation would be as follows :—

(*i*) To implement the Industrial Statistics Act, 1942, and the Census of Manufacturing Industries Rules, 1945, in the Province of Bombay, to prepare and maintain accurate up-to-date lists of factories subject to the provisions of the Industrial Statistics Act, 1942 ;

(*ii*) To render assistance to occupiers of industrial establishments in the maintenance of accounts, registers and other documents in the proper forms ;

(*iii*) To allot confidential code symbols to statistics returns ;

(*iv*) To forward to the Government of India in the Department of Industries and Supplies, provincial statistics returns, code papers and final reports ;

(*v*) Collection of statistics and other information regarding the small-scale and cottage industries of the Province ;

(*vi*) To collect, collate and disseminate useful information pertaining to industries, commerce and trade of the Province of Bombay ;

(*vii*) To prepare annually the Commercial Directory of the Province of Bombay, and

(*viii*) To organise and maintain the Commercial and Technological Library in the Department of Industries for the use of the public and Government.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Factories Department.

6. *Upper staff for planning and/or execution of the scheme.*—(*a*) For planning—Nil. (*b*) For execution—One Deputy Director of Industries (C. I. & I. S.) assisted by two Industrial Statisticians and an Officer-in-charge, Commercial and Industrial Intelligence.

7. *Lower staff for planning and/or execution of the scheme.*—(*a*) For planning—Nil. (*b*) For execution.—

		Scale of pay. Rs.
2	Research Assistants	200—10—350.
5	Senior Inspectors	150—10—250—E.B.—15—400.
25	Statistics Inspectors	120—5—180.
1	Senior Superintendent	275—20—375—25—425.

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		Scale of pay. Rs.
1	Junior Superintendent (Confidential).	255—20—375 + Special Pay of Rs. 30 p. m.
1	Librarian	... 120—5—220.
7	Heads of Branches	... 150—10—220.
8	Senior Clerks	... 135—5—180.
11	Senior Clerks	... 95—5—140.
17	Junior Clerks	... 50—5/2—90.
2	Stenographers	... 110—5—180 + Speed Allowance.
2	Stenographers	... 50—5/2—90—5—140 + Speed Allowance.
5	Typists	... 50—5/2—90.
5	Computors	... 50—5/2—90.
11	Peons	... 23 p. m. each.

8. *How staff to be obtained.*—By advertisement.

9. *Rough estimates of cost at existing rates for each year for the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ...	5,000	5,000	.....	.....	.....	10,000
(*b*) *Recurring* ...	2,10,508	2,17,336	2,25,904	2,32,468	2,40,388	11,26,604
Total ...	2,15,508	2,22,336	2,25,904	2,32,468	2,40,388	11,36,604

10. *To what extent is the scheme productive and/or cost recoverable.*—

11. *Nature of material, machinery, etc., needed from*—

(*a*) *abroad.*—Nil.

(*b*) *locally.*—Furniture, reference books, typewriters, calculating machines and other stationery, etc.

12. *Any other remarks or information.*—In accordance with the recommendations of the Bombay Economic and Industrial Survey Committee, 1938-40, the Commercial and Industrial Intelligence Section was created by the Government of Bombay in June 1941. In November 1945, a joint organisation for Industrial Statistics and Commercial Intelligence was created for the purpose of implementing the Industrial Statistics Act, 1942 and the Census of Manufacturing Industries Rules, 1945 on behalf of the Central Government.

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SCHEME No. 145.

1. *Department.*—Department of Industries.

2. *Scheme.*—Scheme for expansion of the Industrial Chemist's Laboratory.

3. *Brief description of the scheme.*—The scheme is general consists of establishing a test house, installing important chemical process equipment and providing for an economic geologist's section.

The test house will provide for testing, in addition to the materials and products tested at present, other products such as paints and varnishes, oils, oil-cakes, fuels and foods. The process equipment will consist of such units as crushers and grinders, evaporators, distillation stills, fractionating columns, electric generator for electro-chemical processes and pyrometric equipment, etc., as per details under item 11.

The geologist's section will carry out geological surveys of the mineral deposits (known and rare) of the Province for their economic utilisation.

Thus the expansion of the Industrial Chemist's Section will assist industrialists in improving and standardising their products and also help the small and middle scale industries, as raw materials and finished products will be tested according to standard tests. This will also be useful in testing products purchased for the use of Government.

4. *Areas selected for application.*—Bombay.

5. *Other departments concerned.*—Public Works Department.

6. *Upper staff for planning and/or execution of the scheme.*—

	Scale of pay. Rs.
Assistant Industrial Chemist	250—20—350—25—500
Research Assistant	200—10—350
Senior Chemist	130—10—200
Two Junior Chemists	100—10—150
Food Chemist	250—20—350—25—500
Two Junior Chemists	100—10—150
Geologist	250—20—350—25—500
Junior Geologist	200—10—350

7. *Lower staff for planning and/or execution of the scheme.*—

	Scale of pay. Rs.
Junior Chemist	100—10—150
Two Laboratory Assistants	60—5—80
Two hamals	25—1—30
One Laboratory Assistant	60—5—80
Two hamals	25—1—30
Four Fieldmen	60—5—80
Three hamals	25—1—30

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Office Staff :—				Scale of pay. Rs.
One Senior Clerk	...	...	...	95—5—140
One Junior Clerk	...	...	...	50—5/2—90
One Stenographer	...	...	...	100—5—140
One Typist	...	...	...	50—5/2—90

8. *How staff to be obtained.*—By advertisement and by promotion from the existing staff.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
I. *Capital*—						
(*a*) Building ...	50,000	.....	.....	.....	.....	50,000
(*b*) Euipment ...	2,00,000	2,00,000	1,00,000	.....	.....	5,00,000
II. *Recurring* ...	50,000	75,000	75,000	75,000	75,000	3,50,000
Total ...	3,00,000	2,75,000	1,75,000	75,000	75,000	9,00,000

10. *To what extent is the scheme productive and/or cost recoverable.*—The scheme is intended to offer service to small and middle-scale industries on a wide scale so that they would be enabled to manufacture quality products from standardised raw materials and, if possible, to reduce the cost of production by recovering bye-products.

It would be in the general interest to advise the manufacturers to get their products tested and certified for quality. Even if this is not made compulsory, it would be in the interest of the manufacturers and of the country as a whole if hereafter quality certificates are insisted for products intended for export trade. The fees covered for the test certificates and in some cases for services rendered to the industries would be recoverable. It is not possible to give an estimate of the returns.

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.*—

Testing equipment.

1. Flash point apparatus.
2. Viscometers.
3. Electric and gas muffle furnaces (Small).
4. Tintometer.
5. Refractometer.
6. Apparatus for determining the fusion point of ash.
7. PH meter.

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8. Polarimeter.
9. Centrifuge.
10. Bomb calorimeter.
11. Gas calorimeter.
12. H2S test apparatus.
13. Orsat's five bulb gas analysis apparatus with explosion pipette, magneto, etc.
14. Standard Seiving set.
15. Pyrometers.
16. Drying ovens electrically treated and controlled.
17. Refrigerator.
18. Vacuum Pumps (giving steady and very high vacuum).

Processing Equipment (Unit operation).

1. Crushing, Grinding and Sieving.
2. Ore concentration table; washing and classifying tables; Froth floatation equipment.
3. Distillation and fractionation equipment.
4. Mixing equipment (Triple roller mill-Edge-runners-cane mill, etc.).
5. Furnaces (Electrical, gas, oil fired).
6. Filter presses.
7. Hydraulic press with moulds and electrical heating arrangement.
8. Evaporators.
9. Steam distillation equipments (portable) for demonstration purposes.
10. Electric generator—6 volts, 100 amp. for electro-chemical expts.
11. Cells.
12. Autoclaves.
13. Digestors.
14. Reaction vessels.

(*b*) *locally.*—Some miscellaneous equipment and materials.

12. *Any other remarks or information.*—Qualifications for—

(*i*) Assistant Industrial Chemist.		Degree in Industrial Chemistry, Research experience, Administrative experience, Factory experience.
(*ii*) Geologist	... ...	Diploma in Geology from Indian School of Mines or Post Graduate degree in Geology of an Indian University, Field Survey and Prospecting experience.
(*iii*) Food Chemist	...	Post Graduate degree in foods, Factory experience, Research experience.
(*iv*) Research Assistants	...	Degree in Industrial Chemistry, Research experience, Factory experience.
(*v*) Senior Chemist	...	Post Graduate degree in Industrial Chemistry, Research experience.
(*vi*) Junior Chemist	...	Science Degree.

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SCHEME No. 146.

1. *Department.*—Department of Industries.

2. *Scheme.*—Expansion of the Industrial Engineer's Workshop.

3. *Brief description of the scheme.*—To expand the Industrial Engineer's Workshop with a view to designing improved machines and implements for modern requirements of Small Scale Industries and to demonstrate the use of these.

4. *Areas selected for application.*—Bombay.

5. *Other Departments concerned.*—*Nil.*

6. *Upper staff for*—

(*a*) *planning.*—One Assistant Industrial Engineer.

(*b*) *execution.*—Two Inspectors, one draughtsman, one clerk and one storekeeper.

7. *Lower staff for*—

(*a*) *planning.*—*Nil.*

(*b*) *execution.*—Two fitters, one turner, one blacksith, one carpenter, three coolies and one peon.

8. *How staff to be obtained.*—By direct recruitment as available.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
I. *Capital*—						
(*a*) Building ...	*Nil.*	50,000	*Nil.*	*Nil.*	*Nil.*	50,000
(*b*) Equipment ...	.....	1,00,000	*Nil.*	*Nil.*	*Nil.*	1,00,000
II. *Recurring* ...	6,000	23,000	23,000	23,000	23,000	98,000
Total ...	6,000	1,73,000	23,000	23,000	23,000	2,48,000

10. *To what extent is the scheme productive and/or cost recoverable.*—*Nil.*

11. *Nature of material, machinery, etc., needed from*—

(*a*) *abroad.*—Complete machinery will be ordered from abroad.

(*b*) *locally.*—*Nil.*

12. *Any other remarks or information.*—*Nil.*

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SCHEME No. 146-A.

1. *Department.*—Department of Industries.

2. *Scheme.*—Reorganisation of the Tanning Institute and Leather Working School, Bandra.

3. *Brief description of the scheme.*—The Tanning Institute at present imparts traning in Advanced and Artisan courses to 10 and 20 students respectively. It is proiposed to increase the number to 20 and 30 respectively. It is also proposed (1) to impart training in Tanning and Finishing of Patent and Embossed leather, (2) to expand the present chemical laboratory and (3) to establish a bark mill.

The Leather Working School at present imparts training in Advanced and Artisan courses to 10 and 20 students respectively. It is proposed to increase the number to 20 and 40 students respectively. It is also proposed (1) to introduce courses such as manufacture of Industrial leather goods and artistic leather goods for ladies and (2) to start a unit of Mechanised model shoe plant.

4. *Area selected for application.*—Bandra.

5. *Other Departments concerned.*—Public Works Department.

6. *Upper staff for—*

(*a*) *planning.*—Nil.

(*b*) *execution.*—Existing Superintendents will execute the scheme.

7. *Lower staff for—*

(*a*) *planning.*—Nil.

(*b*) *execution :—*

Staff for Tanning Institute, Bandra.

	Scale of Pay. Rs.
1 Chemical Assistant	100—5—120—E.B —10—150.
1 Laboratory Attendant	25—1—40.
1 Cooly	25—1—40.
1 Senior Clerk	95—5—140.
1 Skilled worker for patent leather manufacture ...	40—2—60.

Staff for Leather Working School.

3 Craftsmen Instructors	60—3—75—E.B.—5 100.
4 Manual Workers	25—1—35.
1 Fitter	60—3—75.
2 Sweepers	20 fixed.

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Staff for Leather Working School—contd.

	Scale of Pay.
	Rs.
1 Leather Instructor	60 p. m. fixed.
1 Manager	250—25/2—400.
4 Skilled Machine Operators	100—5—150.
2 Electric Mistries	70—3—100.
2 Fitters	60—3—90
3 Junior Clerks	50—5/2—90.
1 Store Clerk	50—5/2—90
1 Peon	22 fixed.
2 Manual Labourers...	20 fixed.
2 Foremen	60—3—75—E.B.—5—100.

8. *How staff to be obtained.*—By advertisement.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
I *Capital*—						
(*a*) Building ...	6,42,000	1,58,000	.....	.....	.....	8,00,000
(*b*) Equipment ...	1,20,000	70,000	.....	.....	.....	1,90,000
II *Recurrin* ...	50,000	1,26,000	1,26,000	1,26,000	1,26,000	5,54,000
Total ...	8,12,000	3,54,000	1,26,000	1,26,000	1,26,000	15,44,000

10. *To what extent is the scheme productive and/or cost recoverable.*—Receipts per annum will be *approximately* Rs. 12,000.

11. *Nature of material, machinery, etc., needed from*—

(*a*) *abroad.*—Machinery required for mechanised model shoe plant and stoning jacks, etc.

(*b*) *locally.*—Drums setting machine, overshot buffing machine, Hydraulic Emobossing machine, etc.

12. *Any other remarks or information.*—

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SCHEME No. 147.

1. *Department.*—Department of Industries.

2. *Scheme.*—Appointment of 8 District Industrial Officers.

3. *Brief description of the scheme.*—Assisting the Department in organising and surveying small-scale and large-scale industries, general work of the Department such as dissemination of technical and industrial information made available by the Head Office, etc.

4. *Areas selected for application.*—Ahmedabad, Broach, Dharwar, North Kanara, East Khandesh, West Khandesh, Panch Mahals and Thana.

5. *Other departments concerned.*—Nil.

6. *Upper staff for planning and/or execution of the scheme.*—8 District Industrial Officers—Rs. 150—10—250—E.B.—15—400 *plus* Conveyance Allowance Rs. 20 p.m. each.

7. *Lower staff for planning and/or execution of the scheme.*—

	Rs.
Eight Industrial Inspectors	...100—10—200
Sixteen clerks	... 25—5/2—55
Sixteen peons	... 15 p. m. each.

8. *How staff to be obtained.*—

(*a*) *District Industrial Officers.*—Through the Public Service Commission.

(*b*) *Lower Staff.*—By advertisement.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ...	4,000	.....	.....	.....	.....	4,000
(*b*) *Recurring* ...	46,472	49,392	52,272	54,192	57,072	2,59,400
Total ...	50,472	49,392	52,272	54,192	57,072	2,63,400

10. *To what extent is the scheme productive and/or cost recoverable.*—

11. *Nature of material, machinery, etc., needed from*—

(*a*) *abroad.*—
(*b*) *locally.*— } Nil.

12. *Any other remarks or information.*—Nil.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 148.

1. *Department.*—Department of Industries.

2. *Scheme.*—Appointment of Foot-wear and Leather Goods Expert.

3. *Brief description of the scheme.*—In order to develop the leather goods Industry in the Province on a large as well as small scale basis.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Nil.

6. *Upper staff for planning and/or execution of the scheme.*—Foot-wear and Leather Goods Expert on contract basis of three years in the grade of Rs. 1,200—100—1,500.

7. *Lower staff for planning and/or execution of the scheme.*—

	Scale of Pay. Rs.
1 Steno Typist	50—5/2—90—5—140 + Short-hand allowance.
1 Junior clerk	50—5/2—90.
1 Peon	23 p. m.

8. *How staff to be obtained.*—

Upper staff.—From Foreign countries, if possible.

Lower staff.—By advertisement.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ...	800	.....	.....	.....	.....	800
(*b*) *Recurring*— Pay and allowances	19,368	20,568	21,588	23,688	23,808	1,09,020
Contingencies, etc. ...	1,500	1,500	1,500	1,500	1,500	7,500
Total ...	21,668	22,068	23,088	25,188	25,308	1,17,320

10. *To what extent is the scheme productive and/or cost recoverable.*—Nil.

11. *Nature of material, machinery, etc., needed from*—

(*a*) *abroad.*—Nil.

(*b*) *locally.*—Nil.

12. *Any other remarks or information.*—Nil.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 149.

1. *Department.*—Industries.

2. *Scheme.*—Appointment of Fibre Expert.

3. *Brief description of the scheme.*—Development of the Fibre Industry in the Province on a large as well as small scale basis.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concered.*—

6. *Upper staff for planning and/or execution of the scheme.*—Fibre Expert on contract basis for three years in the grade of Rs. 1,200—100—1,500.

7. *Lower staff for planning and/or execution of the scheme.*—

	Scale of Pay.
	Rs.
Steno-typist	50—5/2—90—5—140 + Short-hand Allowance.
Junior Clerk	50—5/2—90.
Peon	23 p. m.

8. *How staff to be obtained.*—
Upper staff.—From Foreign countries, if possible.
Lower staff.—By advertisement.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2d year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(a) *Capital* ...	800	.....	.....	.....	.....	800
(b) *Recurring*						
Establishment: Pay and Allowances.	19,368	20,568	21,588	23,688	23,808	1,09,020
Contingencies: Miscellaneous Expenditure, etc. ...	1,500	1,500	1,500	1,500	1,500	7,500
Total ...	21,668	22,068	23,068	25,188	25,308	1,17,320

10. *To what extent is the scheme productive and/or cost recoverable.*—Nil.

11. *Nature of material, machinery, etc., needed from*—
(a) *abroad.*—
(b) *locally.*— } Nil.

12. *Any other remarks or information.*—Nil.

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SCHEME No. 150.

1. *Department.*—Department of Industries.

2. *Scheme.*—A small plant for manufacture of lead pencils of different types.

3. *Brief description of the scheme.*—To experiment and demonstrate the manufacture of various types of lead pencils on modern automatic machines on small scale basis and train the men in the trade.

4. *Areas selected for application.*—Bombay.

5. *Other departments concerned.*—Nil.

6. *Upper staff for planning and/or execution of the scheme.*—One expert in the trade recommended by the manufacturer of machinery plant.

7. *Lower staff for planning and/or execution of the scheme.*—Details to be worked out in consultation with the expert.

8. *How staff to be obtained.*—By direct recruitment as available.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
I *Capital*—						
(*a*) Shed ...	.....	25,000	.....	.....	.....	25,000
(*b*) Equipment ...	.....	1,00,000	.....	.....	.....	1,00,000
II *Recurring* ...	30,500	36,000	42,500	50,000	56,000	2,15,000
Total ...	30,500	1,61,000	42,500	50,000	56,000	3,40,000

10. *To what extent is the scheme productive and/or cost recoverable.*—By sale of products. Estimate cannot be given at this stage.

11. *Nature of material, machinery, etc., needed from*

(*a*) *abroad.*—Complete machinery.

(*b*) *locally.*—Nil.

12. *Any other remarks or information.*—Nil.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 151.

1. *Department.*—Department of Industries.

2. *Scheme.*—A small plant for the manufacture of fountain pens and fountain pen nibs, etc.

3. *Brief description of the scheme.*—To experiment and demonstrate the manufacture of fountain pens and nibs of different sizes.

4. *Areas selected for application.*—Bombay.

5. *Other departments concerned.*—Nil.

6. *Upper staff for planning and/or execution of the scheme.*—One expert in the trade recommended by the manufacturer of plant.

7. *Lower staff for planning and/or execution of the scheme.*—Details to be worked out in consultation with the expert.

8. *How staff to be obtained.*—By direct recruitment as available.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

—	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
I *Capital*—						
(*a*) Shed ...	.....	25,000	.....	.....	.....	25,000
(*b*) Plant ...	.....	1,25,000	.....	.....	.....	1,25,000
II *Recurring* ...	32,000	40,000	46,000	54,000	60,000	2,32,000
Total ...	32,000	1,90,000	46,000	54,000	60,000	3,82,000

10. *To what extent is the scheme productive and/or cost recoverable.*—By sale of products. Estimate cannot be given at this stage.

11. *Nature of material, machinery, etc., needed from.*—

(*a*) *abroad.*—Complete machinery.

(*b*) *locally.*—Nil.

12. *Any other remarks or information.*—Nil.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 152.

Scheme.—A plant for manufacture of safety razor blades, blade holders and cases.

Dropped.

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SCHEME No. 153.

Scheme.—A plant for manufacture of watches and clocks.

Dropped.

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SCHEME No. 154 (67).

1. *Department.*—Department of Fisheries.

2. *Scheme.*—Study of Marine Biology and Establishment of an Aquarium.

3. *Brief description of the scheme.*—It is proposed to establish an aquarium on Marine Drive in Bombay with the help of the munificent donation of Rs. 2,00,000 with accumulated interest provided by Mr. Vicaji D. B. Taraporewala and his late wife. The site for the aquarium has been made available gratis by Government. Apart from being a source of pleasure to the City's population the institution will foster and promote a wider and deeper understanding and knowledge of creatures of the sea. The aquarium will have a fully developed laboratory, so that it may eventually develop into a centre of fisheries research. The scheme also provides for a research vessel suitably equipped for field work.

4. *Areas selected for application.*—Bombay.

5. *Other departments concerned.*—Public Works Department.

6. *Upper staff for planning and/or execution of the scheme.*—

(*a*) *For planning.*—Nil.

(*b*) *For execution.*—One Curator in the scale of Rs. 170—10—250—E.B.—15—400—E.B.—20—500 (initial salary Rs. 300 p. m.)

7. *Lower staff for planning and/or execution of the scheme.*—

	Rs.
Two Clerks	... 50—5/2—90—E.B.—5—140.
One Aquarium Clerk	... 50—5/2—90.
Two Field Collectors	... 40—2—60.
Three Aquarium Keepers	... 20—1—30.
One Gardner	... 20 p. m.
One Sweeper	... 12 p. m.
Research Section.—	
One Mechanic	... 50—5/2—90.
One Research Assistant	... 125—10—225 *plus* C.L.A.
One Assistant Biologist	... 100—5—150.
One Mechanic Driver	... 60—5/2—90.
One Tindal	... 50—2—60.
One Boatman	... 30 p. m.

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8. *How staff to be obtained.*—By advertisement.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ...	5,38,000	.....	.....	.....	.....	5,38,000
(*b*) *Recurring* ...	13,842	28,993	29,485	30,409	30,901	1,33,630
Total ...	5,51,842	28,993	29,485	30,409	30,901	6,71,630

Remarks.—Rs. 1,00,000 are expected to be spent during 1946–47 towards the cost of aquarium building. Rs. 5,38,000 will be spent during 1947–48—Rs. 5,00,000 on building, Rs. 21,000 on the barge and Rs. 17,000 on other equipment.

Details of capital expenditure :—	Rs.
Cost of aquarium building	6,00,000
Cost of laboratory apparatus, nets and other equipment.	6,000
Furniture for office laboratory and research work ...	4,000
Workshop fittings	1,000
Reference literature	3,000
Preparation of illustrated guide	1,000
Miscellaneous	2,000
Cost of barge	21,000
	6,38,000

10. *To what extent is the scheme productive and/or cost recoverable.*—The realisations from admission fees and the rent from the lessee of the aquarium stall are estimated at Rs. 16,000 per annum.

11. *Nature of material, machinery, etc., needed from*—

(*a*) *abroad.*—*Nil.*

(*b*) *locally.*—One launch, laboratory apparatus, furniture, reference literature, glassware, chemicals, etc.

12. *Any other remarks or information.*—Nil.

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SCHEME No. 155 (68).

1. *Department.*—Department of Fisheries.

2. *Scheme.*—Development of Inland Fisheries at Khopoli, Poona, Ahmedabad and other convenient centres in Southern Division.

3. *Brief description of the scheme.*—It is proposed to establish fish farms at Khopoli, Poona, Ahmedabad and other convenient centres which will serve as experimental stations for experiments on the breeding of various exotic and indigenous fish, their rate of growth, their adaptability to various environments, their food requirements and other life habits under controlled conditions. This information will be very valuable and obviate indiscriminate introduction of fish in our waters. It is proposed to establish only one farm to start with. In the light of the experience gained, fish farms will be established at Poona and other centres.

4. *Areas selected for application.*—Khopoli, Poona, Ahmedabad and other convenient centres in the Southern Division.

5. *Other departments concerned.*—Revenue and Public Works Departments.

6. *Upper staff for planning and/or execution of the scheme.*—Nil.

7. *Lower staff for planning and/or execution of the scheme :—*

(*a*) *For planning.*—Nil.

(*b*) *For execution.*—

	Rs.
Four Assistants in charge of the fish farms at Khopoli, Poona, Ahmedabad, etc.	75—5—90.
Eight fishermen	17 p.m. each.
Four watchmen	17 p.m. each.

8. *How staff to be obtained.*—By advertisement or from staff disbanded from offices established for war.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.—*

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ...	75,000	.....	2,25,000	.....	.....	3,00,000
(*b*) *Recurring* ...	2,298	3,456	10,410	14,154	14,244	44,562
Total ...	77,298	3,456	2,35,410	14,154	14,244	3,44,562

Details of Capital Expenditure.—

	Rs.
(*a*) Cost of laying out four complete fish farms at Khopoli, Poona, Ahmedabad and other convenient centres in Southern Division	2,80,000
(*b*) Cost of land and water	*Nil.*
(*c*) Cost of temporary laboratory quarters for eight fishermen and four watchmen	16,000
(*d*) Cost of fishing nets, apparatus and equipment	4,000

10. *To what extent is the scheme productive and/or cost recoverable.*—The farms are expected to yield some revenue but the amount cannot be estimated.

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.*—Nil.

(*b*) *locally.*—Fishing nets, apparatus and equipment.

12. *Any other remarks or information.*—Nil.

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SCHEME No. 156.

1. *Department.*—Department of Fisheries.

2. *Scheme.*—Award of stipends to students of the fishermen's community for training in different branches of the fishing industry.

3. *Brief description of the scheme.*—The advantages that would accrue to the fishing community by affording facilities for study abroad in the manufacture of shark liver oil, gelatine, shark skins, fish glue, etc., would be numerous and would serve as a direct encouragement. It is proposed to send abroad two students of the fishing community by awarding to them suitable stipends so that by the end of six years six youths will be trained.

4. *Areas selected for application.*—Bombay Province.

5. *Other departments concerned.*—Educational Department.

6. *Upper staff for planning and/or execution of the scheme.*—Nil.

7. *Lower staff for planning and/or execution of the scheme.*—Nil.

8. *How staff to be obtained.*—Does not arise.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ...	30,000	30,000	30,000	30,000	30,000	1,50,000
(*b*) *Recurring* ...	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*
Total ...	30,000	30,000	30,000	30,000	30,000	1,50,000

Note.—As two students are to remain abroad for the first six years, a provision of Rs. 30,000 will be necessary during 1952-53 to complete the training of students.

10. *To what extent is the scheme productive and/or cost recoverable.*—Not productive.

11. *Nature of materials, machinery, etc., needed from*—

(*a*) *abroad.*—
(*b*) *locally.*— } Nil.

12. *Any other remarks or information.*—

NATIONAL ARCHIVES OF INDIA

SCHEME No. 157.

1. *Department.*—Fisheries.

2. *Scheme.*—Loans and subsidies to fishermen to adopt improved type of fishing craft.

3. *Brief description of the scheme.*—The boats now in use by our fishermen are unsatisfactory from every point of view. It is, therefore, proposed to build boats which, in outline, will conform to the existing type of vessels, but will be solidly constructed and copper-fastened. The vessels will be capable of operation on sails but provision will also be made for the installation of an engine. It is proposed to build two such boats in the first year and if these are approved by fishermen, seven such boats will be built each year during the four succeeding years so that at the end of five years the fishermen will have 30 such vessels.

4. *Areas selected for application.*—Bombay Province.

5. *Other departments concerned.*—Nil.

6. *Upper staff for planning and/or execution of the scheme.*—Nil.

7. *Lower staff for planning and/or execution of the scheme.*—Nil.

8. *How staff to be obtained.*—Does not arise.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ...	52,000	1,82,000	1,82,000	1,82,000	1,82,000	7,80,000
(*b*) *Recurring* ...	.....	.....	.....	.....	.....	.....
Total ...	52,000	1,82,000	1,82,000	1,82,000	1,82,000	7,80,000

10. *To what extent is the scheme productive and/or cost recoverable.*—Not productive.

11. *Nature of material, machinery, etc., needed from*—

(*a*) *abroad.*—Engines.

(*b*) *locally.*—The work of building boards will be entrusted to a local shipbuilding firm.

12. *Any other remarks or information.*—Nil.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 158.

1. *Department.*—Fisheries.

2. *Scheme.*—Establishment of Fisheries Schools at important fishing centres along the coast.

3. *Brief description of the scheme.*—The Department has already started four fisheries schools. The attendance at the schools shows that they meet a real need and scope exists for the establishment of additional schools. It is proposed to establish such schools at Kolak and Umarsadi in the Surat district; Mithbao, Jaitapur and Deobag in the Ratnagiri district and Majali in the Kanara district.

4. *Areas selected for application.*—Surat, Ratnagiri and Kanara districts.

5. *Other departments concerned.*—Educational and Public Works Departments (for erection of school buildings only).

6. *Upper staff for planning and/or execution of the scheme.*—One Supervising Officer of Schools in the scale of Rs. 170—10—250—E.B.—15—400—E.B.—20—500. (initial salary Rs. 220 p. m.).

7. *Lower staff for planning and/or execution of the scheme.*—

6 Headmasters on Rs. 75 p.m. each in the scale of Rs. 45—5—115—E.B.—5—145—E.B.—6—175.

Typist clerk for the Supervising Officer—Rs. 75 p.m. in the scale of Rs. 50—5/2—90—E.B.—5—140.

3 Primary teachers in the scale of Rs. 50—$2\frac{1}{2}$—75.
15 ,, ,, in the scale of Rs. 30—1—50.
13 ,, ,, in the scale of Rs. 25—1—30.
6 Work Shop Superintendents on a fixed pay of Rs. 90 p.m. each.
6 Peons on a fixed pay of Rs. 14 p.m. each.
6 Watchmen on a fixed pay of Rs. 13 p.m. each.

8. *How staff to be obtained.*—Upper staff to be recruited by Public Service Commission or departmental promotion or from war service candidates.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ...	65,000	56,500	.....	.....	.....	1,21,500
(*b*) *Recurring* ...	58,747	59,593	60,535	61,105	61,999	3,01,979
Total ...	1,23,747	1,16,093	60,535	61,105	61,999	4,23,479

10. *To what extent is the scheme productive and/or cost recoverable.*—

11. *Nature of material, machinery, etc., needed from*—

(*a*) *abroad.*—Nil.
(*b*) *locally.*—Building materials.

12. *Any other remarks or information.*—Nil.

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NATIONAL ARCHIVES OF INDIA

SCHEME No. 159.

1. *Department.*—Department of Fisheries.

2. *Scheme.*—Stocking of inland waters with carp fry.

3. *Brief description of the scheme.*—Experiments in fattening of select varieties of fish such as Catla, Rahu and Mirgal imported from other provinces have been most promising from the point of view of growth and financial returns. It is, therefore, proposed to stock our waters with fry of the aforesaid varieties and to market them when they attain the full size.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Public Works and Revenue Departments.

6. *Upper staff for planning and/or execution of the scheme.*—Nil.

7. *Lower staff for planning and/or execution of the scheme.*—Nil.

8. *How staff to be obtained.*—Does not arise.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ...	5,000	10,000	10,000	10,000	10,000	45,000
(*b*) *Recurring* ...	.....	5,000	7,000	10,000	10,000	32,000
Total ...	5,000	15,000	17,000	20,000	20,000	77,000

10. *To what extent is the scheme productive and/or cost recoverable.*—The scheme is expected to yield revenue but the amount cannot be estimated.

11. *Nature of material, machinery, etc., needed from*—
(*a*) *abroad.*—
(*b*) *locally.*— } Nil.

12. *Any other remarks or information.*—

NATIONAL ARCHIVES OF INDIA

SCHEME No. 160.

1. *Department.*—Fisheries.

2. *Scheme.*—Establishment of ice and cold storage plants in Bombay along the coast.

3. *Brief description of the scheme.*—Unless ice and cold storage accommodation is made available freely to fishermen in Bombay and at centres along the coast, it would not be possible to ensure adequate marketing facilities and to regulate the supply of fish to meet the demand. Moreover, the fishermen and their associations do not have the necessary capital to establish such plants. It is proposed, therefore, to grant subsidies to them to the extent of 50 per cent. of the estimated cost of plants, so that they may be able to have their own ice and cold storage plants for preservation of fish.

4. *Areas selected for application.*—Whole Province along the coast; especially at fishing centres.

5. *Other departments concerned.*—Public Works Department.

6. *Upper staff for planning and/or execution of the scheme.*—Nil.

7. *Lower staff for planning and/or execution of the scheme.*—Nil.

8. *How staff to be obtained.*—Does not arise.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ...	2,00,000	60,000	60,000	60,000	60,000	4,40,000
(*b*) *Recurring* ...	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*
Total ...	2,00,000	60,000	60,000	60,000	60,000	4,40,000

10. *To what extent is the scheme productive and/or cost recoverable.*—

11. *Nature of material, machinery, etc., needed from*—

(*a*) *abroad.*—Plants.

(*b*) *locally.*—Plants will also be obtained from the Director General of Disposals, New Delhi, from the plants released by the Army Department.

12. *Any other remarks or information.*—

NATIONAL ARCHIVES OF INDIA

SCHEME No. 161.

1. *Department.*—Fisheries.

2. *Scheme.*—Establishment of Marine Biological Research Stations.

3. *Brief description of the scheme.*—The commercial development of the Province's fisheries postulates scientific investigations of fishery problems following a careful programme of research. No scientific research of any value is at present being done in the Province. Realising the importance of scientific research in the development of fisheries, it is proposed to establish two such stations—one at Ratnagiri and the second at Karwar in the Kanara district.

4. *Areas selected for application.*—Ratnagiri in the Ratnagiri district and Karwar in the Kanara district.

5. *Other departments concerned.*—Public Works Department and Revenue Department.

6. *Upper staff for planning and/or execution of the scheme.*—Two Curators on Rs. 300 p.m. each in the scale of Rs. 170—10—250—E.B.—15—400—E.B.—20—500.

7. *Lower staff for planning and/or execution of the scheme.*—

	Rs.
Two Research Assistants on Rs. 150 p.m. each in the scale of	100—5—200.
Two Junior Research Assistants in the scale of ...	75—5—175.
Two Laboratory Assistants in the scale of	50—2—70.
Four peons on	14 p.m. each.
Two watchmen on	13 p.m. each.
Two Mechanic Drivers in the scale of	120—5—160.
Two Tindals in the scale of	100—5—150.
Two Oilmen in the scale of	30—1—50.

8. *How staff to be obtained.*—By advertisement or from demobilised personnel.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ...	1,00,000	1,30,000	.....	.....	.....	2,30,000
(*b*) *Recurring* ...	13,656	54,880	56,104	57,088	58,192	2,39,920
Total ...	1,13,656	1,84,880	56,104	57,088	58,192	4,69,920

10. *To what extent is the scheme productive and/or cost recoverable.*—Not productive.

11. *Nature of material, machinery, etc., needed from*—

(*a*) *abroad.*—Nil.

(*b*) *locally.*—Microscopes, binoculars, plankton nets and laboratory equipment.

12. *Any other remarks or information.*—Nil.

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LABOUR AND LABOUR WELFARE

(SCHEMES 162 to 193).

The Cabinet's allocation for the sub-head of development "Labour and Labour Welfare" (excluding scheme 194—Housing of Industrial Workers) is Rs. 3 crores over five years. The total cost of the Labour Department schemes comes to Rs. 2,99,11,000 which is within the Cabinet's allocation.

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SCHEME No. 162 (14-F).

1. *Department.*—Labour.

2. *Scheme.*—Training of Labour Officers in the United Kingdom.

3. *Brief description of the scheme.*—Labour questions have come into great prominence since the war and further important developments are inevitable in the Post-War period. Labour policy in India is moulded on the experience and practice of other more highly industrialised countries. It is necessary to have a trained and experienced staff for labour administration. In the initial stages, this training and experience cannot be acquired in India. Government of India have decided in consultation with the Provincial Governments to send to the United Kingdom, selected officers of the Labour Departments of Central and Provincial Governments for training in certain aspects of labour administration which are of immediate importance to India. The scheme of the Government of India expires by the end of the financial year 1946-47 but it is likely to be continued further. Officers under the Labour Department of this Province will be selected for training in batches. The training of each batch is to last for about six months and comprises of two parts: (1) theoretical training dealing mainly with underlying principles of policy and procedure at the headquarters of the Ministry of Labour and National Service and (2) training in the regions which is more detailed and practical. The officers are to specialise in one of the five following groups :—

1. Working of Employment Exchanges and Man power distribution schemes.
2. Resettlement and Rehabilitation.
3. Inspection—Labour Welfare.
4. Industrial Relations and Working of Trade Unions.
5. Wage Inspections—Coalmines Welfare.

4. *Areas selected for application.*—Important industrial areas in the Province.

5. *Other departments concerned.*—Nil.

6. *Upper staff for planning, etc.*—Nil.

7. *Lower staff for planning, etc.*—Nil.

8. *How staff to be obtained.*—Does not arise.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ..	13,000	13,000	13,000	7,000	....	46,000
(*b*) *Recurring* ..	....	....	....	....	....	....
Total ..	13,000	13,000	13,000	7,000	....	46,000

10. *To what extent is the scheme productive and/or cost recoverable.*—Not productive.

11. *Nature of machinery, etc.*—Nil.

12. *Any other remarks or information.*—Nil.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 163 (74-I).

1. *Department.*—Labour Welfare.

2. *Scheme.*—Completion of the " A " type Labour Welfare Centre at Sholapur.

3. *Brief description of the scheme.*—This scheme aims at bringing the new " A " type centre at Sholapur in line with the existing " A " type centre in Bombay. The improvements include a gymnasium building with a wrestling pit and a block of shower baths and a properly equipped children's play-ground. Servants' quarters will also be provided at the centre.

4. *Areas selected for application.*—Sholapur.

5. *Other departments concerned.*—Public Works Department.

6. *Upper staff for planning and/or execution of the scheme.*—Nil.

7. *Lower staff for planning and/or execution of the scheme.*—Nil.

8. *How staff to be obtained.*—Does not arise.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year	2nd year	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(a) *Capital* ..	70,000	....	....	....	....	70,000
(b) *Recurring* ..	....	250	250	250	250	1,000
Total ..	70,000	250	250	250	250	71,000

10. *To what extent is the scheme productive and/or cost recoverable.*—Not productive.

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.*—

(*b*) *locally.*—Building materials.

12. *Any other remarks or information.*—

NATIONAL ARCHIVES OF INDIA

SCHEME No. 164.(74-II).

1. *Department.*—Labour Welfare.

2. *Scheme.*—Additions to and alterations in the Recreation Centre at Ahmedabad.

3. *Brief description of the scheme.*—This scheme contemplates the removal of the structural defects of the present "A" type Labour Welfare Centre at Raipur in Ahmedabad, mainly with regard to levelling of the present slanting floor of the auditorium and the gallery. It is proposed to have an additional storey over the gymnasium building, and to provide properly equipped children's play-ground and the building of a line of servants' quarters.

4. *Areas selected for application.*—Ahmedabad.

5. *Other departments concerned.*—Public Works Department.

6. *Upper staff for planning and/or execution of the scheme.*—Nil.

7. *Lower staff for planning and/or execution of the scheme.*—Nil.

8. *How staff to be obtained.*—Does not arise.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(a) *Capital* ..	48,000	....	....	....	....	48,000
(b) *Recurring* ..	....	....	....	....	....	....
Total ..	48,000	....	....	....	....	48,000

10. *To what extent is the scheme productive and/or cost recoverable.*—Not productive.

11. *Nature of material, machinery, etc., needed from—*

(a) *abroad.*—

(b) *locally.*—Building materials.

12. *Any other remarks or information.*—Nil.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 165 (74-III).

1. *Department.*—Labour Welfare.

2. *Scheme.*—Establishment of one "B" type Centre each at Broach, Barsi, Amalner, Viramgam, Surat, Jalgaon, Dhulia, Nadiad and Hubli and three such Centres in Bombay.

3. *Brief description of the scheme.*—This scheme covers the erection of three "B" type centres in Bombay and a similar centre each at Broach, Barsi, Amalner, Viramgam, Surat, Jalgaon, Dhulia, Nadiad and Hubli. A "B" type Welfare Centre is a replica of an "A" type centre on a smaller scale. All the outdoor and indoor activities are the same in case of both the types. A "B" type centre lacks a large auditorium, but has a large main hall with a wooden platform, a single storey gymnasium with the wrestling pit, shower bath, children's play ground and servants' quarters.

4. *Areas selected for application.*—Broach, Sholapur, East Khandesh and West Khandesh, Ahmedabad, Surat, Kaira and Dharwar districts and Bombay City.

5. *Other departments concerned.*—Public Works Department.

6. *Upper staff for planning and/or execution of the scheme.*—
7. *Lower staff for planning and/or execution of the scheme.*— } As shown in the appended statement.

8. *How staff to be obtained.*—Locally.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(a) *Capital* ..	2,69,000	2,69,000	2,69,000	2,69,000	....	10,76,000
(b) *Recurring* ..	....	6,200	12,400	18,600	24,800	62,000
Total ..	2,69,000	2,75,200	2,81,400	2,87,600	24,800	11,38,000

10. *To what extent is the scheme productive and/or cost recoverable.*—Not productive.

11. *Nature of material, machinery, etc., needed from—*
(*a*) *abroad.*—Nil.
(*b*) *locally.*—Material available locally.

12. *Any other remarks or information.*—

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Statement of staff for A " B " type centre.

	Superior Staff Bombay Scale.	Mofussil Scale.
	Rs.	Rs.
1 Welfare Superintendent	75—3—115	50—3—74.
1 Woman Welfare Worker	50—3—74	50—3—74
Part Time.		
1 Outdoor games teacher	Rs. 15 p. m.	.. Rs. 15 p. m.
1 Indoor games teacher	Rs. 15 p. m.	.. Rs. 15 p. m.
1 Librarian	Rs. 15 p. m.	.. Rs. 15 p. m.
1 Children's playground overseer	Rs. 15 p. m.	.. Rs. 15 p. m.
Inferior Staff.		
1 Ayah	Rs. 25 p. m.	.. Rs. 17 p. m.
1 Cleaner	Rs. 23 p. m.	.. Rs. 17 p. m.
1 Sweeper	Rs. 21 p. m.	.. Rs. 15 p. m.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 166 (74-IV).

1. *Department.*—Labour Welfare.

2. *Scheme.*—Opening of two additional "A" type Centres, one at Ahmedabad and the other at Sholapur.

3. *Brief description of the scheme.*—The scheme envisages the erection of two additional "A" type centres one each at Ahmedabad and Sholapur. The present "A" type Centre at Ahmedabad leased by the Ahmedabad Municipality to Government is situated at a place which is out of the way for the majority of the workers living in Ahmedabad. It is desirable to erect one additional centre in some locality where it will be widely used by the cotton mill workers. The present 'A' type Centre at Sholapur is situated in a predominently handloom weavers' locality. It is accordingly proposed to have an additional "A" type centre at Sholapur in a place accessible to a majority of industrial workers.

4. *Areas selected for application.*—Ahmedabad and Sholapur.

5. *Other departments concerned.*—Public Works Department.

6. *Upper staff for planning and/or execution of the scheme.*—
7. *Lower staff for planning and/or execution of the scheme.*— } Statement attached.

8. *How staff to be obtained.*—To be recruited locally.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(a) *Capital* ..	*1,74,500	*1,74,500	....	....	....	3,49,000
(b) *Recurring* ..	....	4,290	8,570	8,570	8,570	30,000
Total ..	1,74,500	1,78,790	8,570	8,570	8,570	3,79,000

*One 'A' type Labour Welfare Centre is expected to be established during 1947-48 and the other in 1948-49.

10. *To what extent is the scheme productive and/or cost recoverable.*—Not productive.

11. *Nature of material, machinery, etc., needed from*—
1. *abroad.*—
2. *locally.*—Available locally.

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12. *Any other remarks or information.—*

STAFF FOR EACH CENTRE.

Superior Staff (Full-time)

		Rs.
1	Welfare Superintendent	50—3—84
1	Nursery school teacher	35—3 65
1	Assistant operator	25—1 35

(*Part time*)

1	Librarian	15 p. m.
3	Games teachers	15 p. m. each.
1	Children's playground overseer	15 p. m.
1	Gymnasium teacher	15 p. m.

Inferior Staff.

1	Ayah	14 p. m.
1	Sweeper	14 p. m.
1	Watchman	14 p. m.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 167 (74-V).

1. *Department.*—Labour Welfare.

2. *Scheme.*—Expansion of Cinema activities of the Labour Welfare Department.

3. *Brief description of the scheme.*—Visual instruction constitutes one of the important activities of the Labour Welfare Department. The existing equipment of the Labour Welfare Department for the staging of its cinema shows is considered inadequate. It is proposed to expand the cinema activities of the Department to Sholapur and other mofussil centres. This requires a sufficient stock of films and reels. The existing equipment in respect of projectors is deteriorating. It is accordingly proposed to purchase good projectors with talkie equipment.

4. *Areas selected for application.*—All areas in the Province covered by the activities of the Labour Welfare Department.

5. *Other departments concerned.*—Nil.

6. *Upper staff for planning and/or execution of the scheme.*—Nil.

7. *Lower staff for planning and/or execution of the scheme.*—Three motor drivers in the scale of Rs. 50—2—70.

8. *How staff to be obtained.*—Locally.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(a) *Capital* ..	3,15,000	....	....	....	....	3,15,000
(b) *Recurring* ..	4,000	8,500	8,500	8,500	8,500	38,000
Total ..	3,19,000	8,500	8,500	8,500	8,500	3,53,000

10. *To what extent is the scheme productive and/or cost recoverable.*—Not productive.

11. *Nature of material, machinery, etc., needed from—*

(a) *abroad.*—Cinema projectors and accessories.
(b) *locally.*—Three motor trucks for carrying talkie projectors.

12. *Any other remarks or information :—*

NATIONAL ARCHIVES OF INDIA

SCHEME No. 168 (74-VI).

1. *Department.*—Labour Welfare.

2. *Scheme.*—Establishment of 15 additional "C" type Centres each in Bombay City and Ahmedabad and 3 at Sholapur.

3. *Brief description of the scheme.*—A "C" type centre is a small welfare centre in hired premises. Indoor activities like library, musical entertainments and women's sewing and tailoring classes are carried on at these centres.

4. *Areas selected for application.*—Bombay City, Ahmedabad and Sholapur.

5. *Other departments concerned.*—Nil.

6. *Upper staff for planning and/or execution of the scheme.*—Nil.

7. *Lower staff for planning and/or execution of the scheme.*—Statement attached.

8. *How staff to be obtained.*—Locally.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(a) *Capital* ..	55,000	73,000	73,000	73,000	73,000	3,47,000
(b) *Recurring* ..	5,900	15,850	21,750	21,750	21,750	87,000
Total ..	60,900	88,850	94,750	94,750	94,750	4,34,000

10. *To what extent is the scheme productive and/or cost recoverable.*—Not productive.

11. *Nature of material, machinery, etc., needed from*—

(1) *abroad.*—Nil.

(2) *locally.*—Available locally.

12. *Any other remarks or information.*—Details of the scheme are under consideration.

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SCHEME No. 168.

		Rs.	
Bombay :—			
Staff—			
1 Welfare Organizer	.. ..	60	(60—3—90)
1 Cleaner	.. ..	23	
1 Part-time Librarian	.. ..	15	
1 Part-time Games Supervisor	.. .. ..	15	
1 Part-time Lady Worker	.. ..	20	
Ahmedabad :—			
Staff—			
1 Welfare Organizer	.. ..	30	(30—2—60)
1 Part-time Games Teacher	.. .. ..	15	
1 Part-time Sewing Class Mistress	.. .. ..	15	
1 Cleaner (full-time)	.. ..	17	
Sholapur :—			
Staff—			
1 Welfare Organizer	.. ..	30	(30—3—60)
1 Lady Part-time Worker	.. ..	15	
1 Cleaner (full time)	.. ..	14	
1 Part-time Games Teacher	.. .. ..	15	

NATIONAL ARCHIVES OF INDIA

SCHEME No. 169 (74-VII).

1. *Department.*—Labour Welfare.

2. *Scheme.*—Construction of a Swimming Pool at Worli.

3. *Brief description of the scheme.*—The question of establishment of baths in the localities inhabited by the labouring classes has been engaging the attention of Government. There has also been a public demand in this direction for some time past. Baths are considered necessary from hygienic point of view. The labouring classes are denied such facilities at present. They have to take recourse for baths to the water taps in the building or chawls where they reside. It is accordingly proposed to construct a swimming pool at Worli, Bombay.

4. *Areas selected for application.*—Bombay.

5. *Other departments concerned.*—Public Works Department.

6. *Upper staff for planning and/or execution of the scheme.*—

1 Supervisor	...	... Rs. 75—5—115.
1 Instructor	...	... Rs. 60—3—84.

7. *Lower staff for planning and/or execution of the scheme.*—

1 Watchman	...	... Rs. 23 p. m.
1 Sweeper	...	... Rs. 21 p. m.
4 Cleaners	...	... Rs. 23 p. m. each.

8. *How staff to be obtained.*—Locally.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th. year	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(a) *Capital* ..	1,09,500	1,09,500	....	....	....	2,19,000
(b) *Recurring* ..	....	....	2,000	2,000	2,000	6,000
Total ..	1,09,500	1,09,500	2,000	2,000	2,000	2,25,000

10. *To what extent is the scheme productive and/or cost recoverable.*—Not productive.

11. *Nature of material, machinery, etc., needed from*—

(a) *abroad.*—Nil.
(b) *locally.*—Building material, etc.

12. *Any other remarks or information.*—

NATIONAL ARCHIVES OF INDIA

SCHEME No. 170 (43).

1. *Department.*—Factory Department.

2. *Scheme.*—Research into industrial diseases and hazardous occupations.

3. *Brief description of the scheme.*—Although the Certifying Surgeon has been devoting some attention to the question of industrial diseases and hazardous occupations, he has been unable to do much in this direction owing to the absence of the necessary facilities. A good deal of attention is paid to research in these subjects in England and other Western countries, and a beginning should be made as early as possible for setting up machinery for research in the Province. It is proposed that a Department of Industrial Medicine should be set up at the J. J. Hospital and a suitable Medical Officer should be appointed for research work, and provided with accommodation and necessary facilities and assistance for research at the J. J. Hospital and the Haffkine Institute. It would be necessary for the Medical Officer to be attached to the Factory Department for the purposes of his research. He would have to be in close contact with the factories and it would be desirable to place him under the control of the Chief Inspector of Factories, so that the problems which the latter considers of particular importance can be properly investigated. The machinery can be gradually developed for dealing with problems of industrial fatigue and psychology.

4. *Areas selected for application.*—Bombay City in the first instance.

5. *Other departments concerned.*—Medical Department.

6. *Upper staff for planning and/or execution of the scheme.*—Medical Officer with some research experience.

7. *Lower staff for planning and/or execution of the scheme.*—A small staff would be required.

8. *How staff to be obtained.*—Unless the Army Medical Service is in a position to supply a suitable officer, the Medical Officer will have to be recruited locally in consultation with the Surgeon General. The work which the officer will have to do will be of a specialised nature and it may be advisable to send the officer selected to England or America for special training for a short period.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—It is proposed that the Medical Officer should be given the Bombay Service (Class I) scale with compensatory allowance in lieu of private practice. In the absence of previous experience it would be difficult to give an idea of the cost of equipment, etc., that may be necessary; but very roughly, the total cost of the scheme in the First Five-Year Plan may be as below.—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ..	50,000	50,000	....	....	....	1,00,000
(*b*) *Recurring* ..	5,000	5,000	5,000	5,000	5,000	25,000
Total ..	55,000	55,000	5,000	5,000	5,000	1,25,000

NATIONAL ARCHIVES OF INDIA

10. *To what extent is the scheme productive and/or cost recoverable.*—Not productive.

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.*—Nil.

(*b*) *locally.*—The necessary equipment would probably be available in the J. J. Hospital and the Haffkine Institute, but some additional equipment may be found necessary for this particular type of research. It would be difficult, however, to give any details about this at this stage.

12. *Any other remarks or information.*—The scheme has not yet been finally approved by Government.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 171 (72).

1. *Department.*—Labour Office and Factory Department.

2. *Scheme.*—Extension of payment of Wages Act and enforcement of Trade Board Minimum Wages and of compulsory standing orders in factories in the Province.

3. *Brief description of the scheme.*—The Payment of Wages Act provides for its extension to industrial establishments; but hitherto it has not been possible to do so because of the lack of adequate machinery for its enforcement. The question of setting up Trade Boards in industries to regaulate minimum wages and of compelling factories to frame standing orders has been discussed at the Standing Labour Committee meeting and it is possible that effect may be given to the proposals. It would be necessary, therefore, to set up machinery for this purpose.

4. *Areas selected for application.*—It may be possible to select particular industrial areas like Bombay, Ahmedabad, Sholapur and the Khandesh centres; but in some cases it may be found necessary to cover the whole Province.

5. *Other departments concerned.*—

6. *Upper staff for planning and/or execution the of scheme.*—One Senior Inspector of Factories and three Junior Inspectors.

7. *Lower staff for planning and/or execution of the scheme.*—Additional clerical staff and peons would be required but it would be difficult to state the number at this stage.

8. *How staff to be obtained.*—From the Army, if possible, or by recruitment locally.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(a) *Capital* ..	..	56,250	56,250	56,250	56,250	2,25,000
(b) *Recurring* ..	..	14,000	14,000	14,000	14,000	56,000
Total ..	..	70,250	70,250	70,250	70,250	2,81,000

10. *To what extent is the scheme productive and/or cost recoverable :—*

11. *Nature of material, machinery, etc., needed from—*

(a) *abroad.*—
(b) *locally.*—

12. *Any other remarks or information.*—The scheme has not yet been finally approved by Government.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 172(73).

1. *Department.*—Labour Office.

2. *Scheme.*—Extension of the Bombay Industrial Disputes Act and Recognition of Trade Unions.

3. *Brief description of the scheme.*—Hitherto the Bombay Industrial Disputes Act for settlement of trade disputes has been extended only to certain industries. It is proposed that it should be extended to cover other industries. The Government of India have also introduced a Bill to amend the Trade Unions Act to provide for compulsory recognition of trade unions, and machinery will have to be set up to deal with the recognition of trade unions when the Bill is enacted.

4. *Areas selected for application.*—The whole Province will have to be covered, but in practice only certain industrially important areas like Bombay, Ahmedabad and Sholapur may be particularly affected.

5. *Other departments concerned.*—

6. *Upper staff for planning and/or execution of the scheme.*—1 Assistant Commissioner of Labour, and (2) Assistant Government Labour Officers.

7. *Lower staff for planning and/or execution of the scheme.*—Additional clerical staff and peons would be required but it would be difficult to state the number at this stage.

8. *How staff to be obtained.*—From the Army, if possible, or by recruitment locally.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(a) *Capital* ..	....	37,500	37,500	37,500	37,500	1,50,000
(b) *Recurring* ..	....	9,250	9,250	9,250	9,250	37,000
Total ..		46,750	46,750	46,750	46,750	1,87,000

10. *To what extent is the scheme productive and/or cost recoverable.*—Not productive.

11. *Nature of material, machinery, etc., needed from—*

(a) *abroad.*—
(b) *locally.*— } Nil.

12. *Any other remarks or information.*—The scheme has not yet been finally approved by Government.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 173.

1. *Department.*—Labour Welfare.

2. *Scheme.*—Universal literacy among industrial workers.

3. *Brief description of the scheme.*—This scheme is intended to make literate all factory workers between the ages of 15 and 40 years. A time limit will be fixed for all factories where this literacy campaign is launched. The procedure will be to continue only literate workers in employment after a particular date. The factory hours will be so adjusted as to give an additional hour's recess during working hours.

4. *Areas selected for application.*—All perennial factories in the Province.

5. *Other departments concerned.*—Educational Department.

6. *Upper staff for planning and/or execution of the scheme.*—One part-time teacher on Rs. 15 p. m. for every forty students for a period of four months.

7. *Lower staff for planning and/or execution of the scheme.*—Nil.

8. *How staff to be obtained.*—From among mill clerks and trade union workers, to be trained by the Bombay City Adult Education Committee and the Provincial Board for Adult Education.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(a) *Capital* ..	1,61,000	7,09,750	7,09,750	7,09,750	7,09,750	30,00,000
(b) *Recurring* ..	21,000	1,82,250	1,82,250	1,82,250	1,82,250	7,50,000
Total ..	1,82,000	8,92,000	8,92,000	8,92,000	8,92,000	37,50,000

10. *To what extent is the scheme productive and/or cost recoverable :*—It may be possible to induce the employers to bear the expenditure, except that on supervision.

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.*—Nil.

(*b*) *locally.*—Boards, books, slates and lamps.

12. *Any other remarks or information.*—The total expenditure for making about four lakhs of illiterate factory workers literate will be Rs. 37,50,000. For every 40 students the cost will be roughly Rs. 375 made up as follows :—

Recurring—

One Teacher on Rs. 15 p.m. Rs. (15 × 4)	Rs. 60
Contingencies and Supervision Charges	,, 15
	,, 75
Non-recurring—	
Slates, Text-books, Supplementary books, etc.	Rs. 300
Total ...	375

NATIONAL ARCHIVES OF INDIA

SCHEME No. 174.

1. *Department.*—Labour Welfare.

2. *Scheme.*—Anti-tuberculosis sanitoria for industrial workers.

3. *Brief description of the scheme.*—This scheme is meant for helping the industrial workers by providing facilities for treatment in Tuberculosis at cheap rates. A grant-in-aid will also be given to the hospital at Miraj.

4. *Areas selected for application.*—Gujarat and Maharashtra.

5. *Other departments concerned.*—Medical Department.

6. *Upper staff for planning and/or execution of the scheme.*—
7. *Lower staff for planning and/or execution of the scheme.*— } This will be decided later on.

8. *How staff to be obtained.*—Locally.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(a) *Capital* ..	15,00,000	15,00,000	15,00,000	....	....	45,00,000
(b) *Recurring* ..	70,000	1,33,000	2,02,000	2,02,000	2,02,000	8,09,000
Total ..	15,70,000	16,33,000	17,02,000	2,02,000	2,02,000	53,09,000

10. *To what extent is the scheme productive and/or cost recoverable.*—Nil.

11. *Nature of material, machinery, etc., needed from*—

(a) *abroad.*—
(b) *locally.*— } Hospital equipment.

12. *Any other remarks or information.*—Details are under consideration of Government.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 175.

1. *Department.*—Labour Welfare.

2. *Scheme.*—Periodic medical examination of industrial workers.

3. *Brief description of the scheme.*—At present very little is known about the state of health of industrial workers. It is believed that a mass medical examination of the workers as proposed in this scheme will be helpful for devising suitable preventive methods and giving advice regarding curative facilities.

4. *Areas selected for application.*—Bombay, Ahmedabad and Sholapur.

5. *Other departments concerned.*—Medical Department.

6. *Upper staff for planning and/or execution of the scheme.*—
   4 Doctors (M.B.B.S.) on Rs. 400 p. m. each (two at Bombay and one each at Ahmedabad and Sholapur).
   8 Licentiates on Rs. 250 p. m. each (four at Bombay and two each at Ahmedabad and Sholapur).

7. *Lower staff for planning and/or execution of the scheme.*—
   6 Clerks at Bombay on Rs. 50 p. m. each.
   3 Clerks at Ahmedabad on Rs. 45 p. m. each.
   2 Clerks at Sholapur on Rs. 35 p. m. each.
   8 Peons at Bombay on Rs. 25 p. m. each.
   4 Peons at Ahmedabad on Rs. 20 p. m. each.
   2 Peons at Sholapur on Rs. 18 p. m. each.

8. *How staff to be obtained.*—Locally.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital*—						
(Medical appliances, etc.) ..	2,00,000	8,00,000	....	....	....	10,00,000
(*b*) *Recurring* ..	48,000	48,000	48,000	48,000	48,000	2,40,000
Total ..	2,48,000	8,48,000	48,000	48,000	48,000	12,40,000

10. *To what extent is the scheme productive and/or cost recoverable.*—If the Payment of Wages Act is suitably amended, it will be possible to meet the expenditure on this scheme mainly, if not entirely, from the Fines Fund.

11. *Nature of material, machinery, etc., needed from*—
   (*a*) *abroad.*—Nil.
   (*b*) *locally.*—Medical appliances.

12. *Any other remarks or information.*—In order to see what improvement has been effected in the health of the workers it is necessary to hold these medical examinations at least once in a five-year period. Provision has been made for only one examination in this scheme.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 176.

1. *Department.*—Labour Welfare.

2. *Scheme.*—Post—empolyment Training.

3. *Brief description of the scheme.*—The experience gained in the conduct of the Textile Technical School at Parel during the last twenty years has shown beyond doubt that the workers who are literate enough to follow the insturctions given in the class, through the medium of their mother tongue, can be made better and more efficient workers, sufficiently qualified to take up higher positions in the course of their employment. It is therefore proposed to start Post-employment Training Schools, side by side with the Pre-employment Training Schools, at Bombay, Ahmedabad and Sholapur.

4. *Areas selected for application.*—Bombay, Ahmedabad and Sholapur.

5. *Other departments concerned.*—

6. *Upper staff for planning and/or execution of the scheme.*—Services of the staff suggested for the weaving, the spinning and the engineering sections in scheme No. 182 can be partly utilized for this scheme.

7. *Lower staff or planning and/or execution of the scheme.*—As in No. 6 above.

8. *How staff to be obtained.*—Locally.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—The building, machinery, and the general staff for the weaving, spinning and engineering sections proposed for Pre-employment Training scheme (No. 182) can be utilized for this scheme also. The non-recurrent expenditure under this scheme will be mainly on the library, printing of books and purchase of furniture, etc., for which Rs. 81,000 have been allotted. A small provision of Rs. 18,000 for the five-year period has also been made for the teaching staff that will be required, in addition to the staff suggested in scheme No. 182.

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital*	40,500	40,500	....	....	....	81,000
(*b*) *Recurring*	3,000	3,750	3,750	3,750	3,750	18,000
Total ..	43,500	44,250	3,750	3,750	3,750	99,000

10. *To what extent is the scheme productive and/or cost recoverable.*—Not productive.

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.*—
(*b*) *locally.*— } Nil.

12. *Any other remarks or information.*—The scheme cannot be put on a practical working basis during the first year as it is entirely dependent on scheme No. 182—Pre-employment Training—so far as the provision for buildings, machinery and the staff is concerned.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 177.

1. *Department.*—Labour Welfare.

2. *Scheme.*—Government Industrial Training Workshops in Bombay, Ahmedabad, Sholapur and the Karnatak.

3. *Brief description of the scheme.*—The existing provision for training of workers for the pursuit of alternative occupations is to be enlarged for dealing with unemployment. It is, therefore, proposed that 19 Industrial Training Workshops (exclusive of the one at Ahmedabad) should be provided and that the construction work of these workshops may be distributed over the five-year period in the following way :—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
Bombay ..	2	2	2	2	2	10
Ahmedabad ..	1	1	1	1	1	5
Sholapur ..	*Nil.*	1	1	*Nil.*	*Nil.*	2
Karnatak ..	*Nil.*	1	1	*Nil.*	*Nil.*	2
Total ..	3	5	5	3	3	19

This will ensure that in the course of normal empolyment the industrial worker learns a new job in his spare time and will not find himself altogether helpless, if and when he loses his place in industry.

4. *Areas selected for application.*—Bombay City, Ahmedabad, Sholapur and Karnatak.

5. *Other departments concerned.*—Public Works Department.

6. *Upper staff for planning and/or execution of the scheme.*—See statement attached.

7. *Lower staff for planning and/or execution of the scheme.*—As in No. 6 above.

8. *How staff to be obtained.*—Locally.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(a) *Capital* ..	1,00,000	8,50,000	8,50,000	6,00,000	6,00,000	30,00,000
(b) *Recurring* ..	20,000	38,000	60,000	1,16,000	1,16,000	3,50,000
Total ..	1,20,000	8,88,000	9,10,000	7,16,000	7,16,000	33,50,000

NATIONAL ARCHIVES OF INDIA

10. *To what extent is the scheme productive and/or cost recoverable.*—Not productive.

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.*—Machinery, unless good second hand machinery is available locally.

(*b*) *locally.*—Building materials.

12. *Any other remarks or information.*—

Staff for each Industrial Training Workshop.

Name of post.	Scale of Pay.
	Rs.
Superintendent	125—7½—200—10—250
Office Supervisor	100—5—140
Turner Instructor	60—3/2—72
Fitter Instructor	60—3/2—72
Furniture Instructor	50—3/2—62
Tailor Instructor	50—3/2—62
Additional Tailor Instructor	50—3/2—62
Spray Painter Instructor	45—3/2—57
Assistant Carpenter Instructor	40—3/2—52
Smithy Instructor	40—3/2—52
Moulding Instructor	45—3/2—55
Accounts Clerk	60—3—84
Store-Keeper	45—3—69
Clerk	38—3—62
Typist-Clerk	35—5/2—55

NATIONAL ARCHIVES OF INDIA

SCHEME No. 178.

1. *Department.*—Labour Welfare.

2. *Scheme.*—Adult Education (General).

3. *Brief description of the scheme.*—In addition to making workers literate, everything possible should be done to attempt to give them further enlightenment on matters concerning their work and life. It is, therefore, proposed that a course of Adult Education (General) should be started at the Labour Welfare Centres in Bombay, Ahmedabad, Sholapur and Hubli.

4. *Areas selected for application.*—Bombay, Ahmedabad, Sholapur and Hubli.

5. *Other departments concerned.*—Nil.

6. *Upper staff for planning and/or execution of the scheme.*—

One Adult Education Supervisor—Rs. 120—5—200.

	Bombay.	Mofussil.
1 Clerk	.. Rs. 50—5/2—90	....
2 Teachers	.. Rs. 75—3—150 each	....
3 Teachers—		
Ahmedabad 1		
Sholapur 1	....	Rs. 40—3—100 each.
Hubli 1		
4 Honorary Lecturers—		
Bombay 1		
Ahmedabad 1		
Sholapur 1	Honorarium at Rs. 30 p. m. each.	
Hubli 1		

7. *Lower staff for planning and/or execution of the scheme.*—

One Peon (for Head Office).—Rs. 23 p. m.

8. *How staff to be obtained.*—Locally.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Capital ..	51,400	1,45,600	....	....	....	1,97,000
Recurring ..	5,100	9,975	9,975	9,975	9,975	45,000
Total ..	56,500	1,55,575	9,975	9,975	9,975	2,42,000

10. *To what extent is the scheme productive and/or cost recoverable.*—Nil.

11. *Nature of material, machinery, etc., needed from*—

(*a*) *abroad.*—
(*b*) *locally.*— } Nil.

12. *Any other remarks or information.*—

NATIONAL ARCHIVES OF INDIA

SCHEME No. 179.

1. *Department.*—Labour Welfare.

2. *Scheme.*—Adult Education (Technical).

3. *Brief description of the scheme.*—Under this scheme it is proposed to impart general knowledge of technical subjects of interest to workers, but not practical training which may be available to them at their place of work, or which can be received by them at the workshops to be started on the lines of the Government Industrial Training Workshop, Ahmedabad.

4. *Areas selected for application.*—Bombay, Ahmedabad and Sholapur.

5. *Other departments concerned.*—

6. *Upper staff for planning and/or execution of the scheme.*—

The following staff will be required for each 'A' type Centre in the Province :—

Name of the post.	Scale of pay at Bombay and Ahmedabad.	Scale of pay at Sholapur.
	Rs.	Rs.
1 Tutor	.. 150—10—300	.. 120—10—240
1 Slide-maker	.. 100—5—200	.. 75—5—150
2 Part-time Professors	.. 50 p. m. each	.. 40 p. m. each.

7. *Lower staff for planning and/or execution of the scheme.*—Nil.

8. *How staff to be obtained.*—Locally.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(a) *Capital*—						
(i) ..	....	....	....	....	....	22,50,000*
(ii) ..	....	25,000	30,000	30,000	30,000	1,15,000
(b) *Recurring* ..	....	6,000	7,000	7,000	7,000	27,000
Total ..	....	31,000	37,000	37,000	37,000	23,92,000

*This represents the loss to be incurred by Government due to the difference between the expenditure on printing of pamphlets and the receipts realised from sale of the pamphlets for which only nominal prices have been fixed.

10. *To what extent is the scheme productive and/or cost recoverable.*—Not productive.

11. *Nature of material, machinery, etc., needed from—*

(a) *abroad.*—Material for slides.

(b) *locally.*—Paper and brass plates.

12. *Any other remarks or information.*—Details of the scheme are under consideration.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 180.

1. *Department.*—Labour Welfare.

2. *Scheme.*—Co-operative Societies for housing, banking, credit stores and canteens.

3. *Brief description of the scheme.*—The scheme is intended to promote in various forms the application of the principles of co-operation in solving the workers' difficulties and improving their position in different directions.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Co-operative Department.

		Scale of Pay. Rs.
6. *Upper staff for planning and/or execution of the scheme.*—	5 District Co-operative Officers.	95—5—180—10—270
	5 Assistant District Co-operative Officers.	75—5—120—10—210
	4 Clerks ..	25—2—55.
	1 Clerk (Bombay) ..	50—5/2—90.
7. *Lower staff for planning and/or execution of the scheme.*—	8 Peons on Rs. 17 p. m. each.	
	2 Peons on Rs. 23 p. m. each.	

8. *How staff to be obtained.*—Locally.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(a) *Capital* ..	....	13,000	19,500	26,000	32,500	91,000
(b) *Recurring* ..	....	3,286	4,929	6,570	8,215	23,000
Total ..	....	16,286	24,429	32,570	40,715	1,14,000

10. *To what extent is the scheme productive and/or cost recoverable.*—Not productive.

11. *Nature of material, machinery, etc., needed from*—

(a) *abroad.*—
(b) *locally.*— } Nil.

12. *Any other remarks or information.*—Details of the scheme are under consideration.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 181.

1. *Department.*—Labour Welfare.

2. *Scheme.*—Scholarships for higher studies for the children of industrial workers.

3. *Brief description of the scheme.*—It is proposed to provide scholarships in all grades for the children of the workers on partial labour.

4. *Areas selected for application.*—Bombay, Ahmedabad, Sholapur and Hubli.

5. *Other departments concerned.*—Educational Department and the Department of Industries.

6. *Upper staff for planning and/or execution of the scheme.*—

1 Senior Clerk	...	...	Rs. 120—5—250
1 Junior Clerk	...	...	Rs. 50—5/2—90

7. *Lower staff for planning and/or execution of the scheme.*—

1 Peon	...	...	Rs. 23 p. m.

8. *How staff to be obtained.*—Locally.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(a) *Capital*		1,43,250	1,43,250	1,43,250	1,43,250	5,73,000
(b) *Recurring*		25,000	30,000	37,000	51,000	1,43,000
Total		1,68,250	1,73,250	1,80,250	1,94,250	7,16,000

10. *To what extent is the scheme productive and/or cost recoverable.*—Not productive.

11. *Nature of material, machinery, etc., needed from*—

(a) *abroad.*—
(b) *locally.*— } Nil.

12. *Any other remarks or information.*—For each Standard from the 4th upwards, 100 scholarships in Bombay, 60 in Ahmedabad, 20 in Sholapur and 5 in Hubli are proposed to be given from the second year of the Plan. Details of the scheme are under consideration.

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NATIONAL ARCHIVES OF INDIA

SCHEME No. 182.

1. *Department.*—Labour Welfare.

2. *Scheme.*—Pre-employment Training.

3. *Brief description of the scheme.*—It has been generally accepted that Pre-employment Training is very essential for mill workers, especially in the spinning and weaving sections, to increase their efficiency and consequent earning capacity. It is therefore proposed to establish at least one Pre-employment Training School in each major textile centre of the Province, *viz.*, Bombay, Ahmedabad and Sholapur.

4. *Areas selected for application.*—Bombay, Ahmedabad and Sholapur.

5. *Other departments concerned.*—Public Works Department.

6. *Upper staff for planning and/or execution of the scheme.*—*Vide* statement appended.

7. *Lower staff for planning and/or execution of the scheme.*—*Vide* statement appended.

8. *How staff to be obtained.*—Locally.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(a) *Capital* ..	....	1,20,000	1,20,000	1,21,000	....	3,61,000
(b) *Recurring* ..	....	....	7,000	15,000	21,000	43,000
Total ..	....	1,20,000	1,27,000	1,36,000	21,000	4,04,000

10. *To what extent is the scheme productive and/or cost recoverable.*—Not productive.

11. *Nature of material, machinery, etc., needed from*—

(a) *abroad.*— } Machinery and other equipment.
(b) *locally.*— }

12. *Any other remarks or information.*—This scheme is based on a scheme framed by the Social Service League, Bombay, for Pre-employment and Post-employment training of textile workers.

NATIONAL ARCHIVES OF INDIA

Statement of Staff.

Teaching staff :—

Principal ...	...	1 (full-time)
Vice-Principal ...	...	1 (do.)
Assistant Teacher ...	...	1 (do.)
Weaving Teachers ...	...	1 (part-time)
Spinning Teachers ...	...	2 (do.)
Spinning Demonstrator ...	...	1 (do.)
Weaving Demonstrator ...	...	1 (do.)
Weaving Demonstrator ...	...	1 (full-time)

The expenditure on account of this teaching staff will be Rs. 15,000 per annum.

For Workshop :—

1 Manager
10 Weavers
1 Fitter
1 Carpenter
1 Electrician
1 Drawer
1 Reacher
3 Coolies
1 Watchman
1 Sweeper.

Clerical staff consisting of one typist and one clerk with one peon will have to be provided for office work. The expenditure on account of the workshop staff will be Rs. 12,500 per annum.

The following staff may be entertained for the engineering section only :—

	Rs.
1 Engineering Teacher	200—10—300
1 Turning Instructor	75—3—120
1 Fitter Instructor	75—3—120
1 Furniture Instructor	75—3—120
1 Spray Painting Instructor...	75—3—120
1 Assistant Carpentry Instructor	60—3—105
1 Smithy Instructor	60—3—105
1 Moulding Instructor	60—3—105
1 Coolie	25 p.m.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 183.

1. *Department.*—Labour Welfare.

2. *Scheme.*—Charkha Classes.

3. *Brief description of the scheme.*—Under this scheme it is proposed to provide occupation during leisure time to the dependents of industrial workers.

4. *Areas selected for application.*—Bombay, Ahmedabad, Sholapur and Hubli.

5. *Other departments concerned.*—Nil.

6. *Upper staff for planning and/or execution of the scheme.*—

Four Supervisors—

	Rs.
1 at Bombay	50—3—110
1 at Ahmedabad	50—3—110
1 at Sholapur	40—3—100
1 at Hubli	40—3—100

7. *Lower staff for planning and/or execution of the scheme.*—Nil.

8. *How staff to be obtained.*—Locally.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ..	44,000	....	....	....	....	44,000
(*b*) *Recurring* ..	1,000	1,000	1,000	1,000	1,000	5,000
Total ..	45,000	1,000	1,000	1,000	1,000	49,000

10. *To what extent is the scheme productive and/or cost recoverable.*—The scheme is intended to be self-supporting but for the initial cost.

11. *Nature of material, machinery, etc., needed from*—

(*a*) *abroad.*—Nil.
(*b*) *locally.*—Charkhas, Cotton, Handlooms, Carding Machines, Cycles, etc.

12. *Any other remarks or information.*—The charkha classes are to be organized at the Labour Welfare Centres in the Province.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 184.

1. *Department.*—Labour Welfare.

2. *Scheme.*—Holiday Homes for industrial labour.

3. *Brief description of the scheme.*—Now that holidays with pay are granted to workers every year, it is necessary to provide Holiday Homes at convenient places to enable industrial labour to spend their vacation in peaceful rural surroundings.

4. *Areas selected for application.*—Bombay (4), Ahmedabad (3), and Sholapur (1).

5. *Other departments concerned.*—Public Works Department.

6. *Upper staff for planning and/or execution of the scheme.*—For each Home.

	Rs.
1 Superintendent	75—5—150.
1 Store-keeper	50—5/2—90.

7. *Lower staff for planning and/or execution of the scheme.*—

2 Cooks	30 p. m. each.
2 Gardeners	25 p. m. each.
2 Servants	19 p. m. each.
2 Watchmen	19 p. m. each.
2 Cleaners	19 p. m. each.
2 Scavengers	19 p. m. each.

8. *How staff to be obtained.*—Locally.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(a) *Capital* ..	3,12,500	6,25,000	6,25,000	6,25,000	3,12,500	25,00,000
(b) *Recurring* ..	....	4,375	13,125	21,875	30,625	70,000
Total ..	3,12,500	6,29,375	6,38,125	6,46,875	3,43,125	25,70,000

10. *To what extent is the scheme productive and/or cost recoverable.*—Not productive.

11. *Nature of material, machinery, etc., needed from—*
(*a*) *abroad.*—Nil.
(*b*) *locally.*—Building material, furniture, utensils, games materials, radio sets, gramophones, etc.

12. *Any other remarks or information.*—Details of the scheme are under consideration.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 185.

1. *Department.*—Labour Welfare.

2. *Scheme.*—Convalescent Homes for Industrial labourers.

3. *Brief description of the scheme.*—It is proposed to provide cheap and easily accessible Convalescent Homes in different parts of the Province for the benefit of industrial labour.

4. *Areas selected for-application.*—One place near about Bombay, one near about Ahmedabad, one near about Sholapur and one somewhere in Karnatak which will be central to Hubli, Gadag, and Gokak.

5. *Other departments concerned.*—Public Works and Medical Departments.

6. *Upper staff for planning and/or execution of the scheme.*—

(*a*) *For planning.*—Nil.

(*b*) *For execution.*—

For each Convalescent Home.

	Rs.
1 Full-time Doctor	100—5—200.
1 Store-keeper	50—5/2—90.

7. *Lower staff for planning and/or execution of the scheme.*—

For each Convalescent Home.

	Rs.
2 Gardeners	25 p. m. each.
2 Scavengers	19 p. m. each.
4 Cleaners	19 p. m. each.
2 Watchmen	19 p. m. each.

8. *How staff to be obtained.*—Locally.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ..	....	8,75,000	8,75,000	8,75,000	8,75,000	35,00,000
(*b*) *Recurring* ..	....	....	7,500	15,000	22,500	45,000
Total ..	....	8,75,000	8,82,500	8,90,000	8,97,500	35,45,000

10. *To what extent is the scheme productive and/or cost recoverable.*—Not productive.

11. *Nature of material, machinery, etc., needed from*—

(*a*) *abroad.*—Nil.

(*b*) *locally.*—Building material, furniture, utensils, etc.

12. *Any other remarks or information.*—One Convalescent Home can be provided during each year of the First Five-Year Plan. Details of this scheme are under consideration.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 186.

1. *Department.*—Labour Welfare.

2. *Scheme.*—Aid to social institutions (including wrestling pits) conducted by industrial workers.

3. *Brief description of scheme.*—The scheme aims at aiding the social institutions conducted by the industrial workers in labour localities, by the provision of games materials and medical aid appliances, so that the existing activities of the institutions may be stimulated and widened. The following statement gives the number of institutions to be aided during the period of five years :—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total
Bombay ..	....	100	200	300	400	1,000
Ahmedabad ..	....	50	100	150	200	500
Sholapur ..	....	20	40	60	80	200
Hubli	....	5	10	15	20	50

4. *Areas selected for application.*—Bombay, Ahmedabad, Sholapur and Hubli.

5. *Other departments concerned.*—Nil.

6. *Upper staff for planning and/or execution of the scheme.*—

		Rs.
1 Supervisor	... ...	100—5—200
3 Inspectors (Bombay)	... .	75—5—130
2 Inspectors (Ahmedabad)	...	60—3—120
1 Inspector (Sholapur)	... ...	40—3—100
1 Inspector (Hubli)	... ...	40—3—100

7. *Lower staff for planning and/or execution of the scheme.*—Nil.

8. *How staff to be obtained.*—Locally.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(a) *Capital* ..	....	96,000	1,25,000	1,25,000	1,25,000	4,71,000
(b) *Recurring* ..	....	13,220	20,340	27,260	34,180	95,000
Total ..	....	1,09,220	1,45,340	1,52,260	1,59,180	5,66,000

NATIONAL ARCHIVES OF INDIA

10. *To what extent is the scheme productive and/or cost recoverable.*—Not productive.

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.*—Nil.

(*b*) *locally.*—Bicycles, first-aid boxes, medical aid appliances, etc.

12. *Any other remarks or information.*—Only such institutions as are able to raise 25 per cent. of the funds required will be aided. The remaining 75 per cent. will be paid in the form of an annual grant.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 187.

1. *Department.*—Labour Welfare.

2. *Scheme.*—Opening of Reading Rooms and Circulating Library posts.

3. *Brief description of the scheme.*—The present provision for conducting reading room and library activities in labour area is found to be by no means adequate to meet the needs of industrial labour. This scheme is, therefore, intended to widen the reading room and library activities so that all labour localities may be effectively served. With this scheme the principle of making the labour pay, at least in part, for the welfare work conducted by Government will have been introduced and put into operation.

4. *Areas selected for application.*—Bombay, Ahmedabad, Sholapur and Hubli.

5. *Other departments concerned.*—Nil.

6. *Upper staff for planning and/or execution of the scheme.*—
1 General Supervisor—Rs. 100—5—200.
7 Inspectors.—
3 for Bombay—Rs. 75—3—150 each.
2 for Ahmedabad—Rs. 60—3—120 each.
1 for Sholapur—Rs. 60—3—120.
1 for Hubli—Rs. 60—3—120.

7. *Lower staff for planning and/or execution of the scheme.*—Nil.

8. *How staff to be obtained.*—Locally.

9. *Rough estimates of cost at existing rates for each year of the First-five Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(a) *Capital* ..	....	79,000	1,25,000	1,25,000	1,25,000	4,54,000
(b) *Recurring* ..	....	12,868	18,956	25,044	31,132	88,000
Total ..	....	91,868	1,43,956	1,50,044	1,56,132	5,42,000

10. *To what extent is the scheme productive and/or cost recoverable.*—Not productive.

11. *Nature of material, machinery, etc., needed from—*
(a) *abroad.*—Nil.
(b) *locally.*—Boxes, books and bicyles.

12. *Any other remarks or information.*—Reading rooms and circulating library posts may be established in such institutions which are willing to contribute at least 25 per cent. of the recurring contingent expenditure. In the first year of the scheme 100 posts are to be organized in Bombay, about 50 in Ahmedabad, 20 in Sholapur and 5 in Hubli. This number will be increased every following year of the scheme at the same rate of 100, 50, 20 and 5 respectively.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 188.

1. *Department.*—Labour Welfare.

2. *Scheme.*—Production of films.

3. *Brief description of the scheme.*—It is intended to produce useful educational and entertainment films departmentally.

4. *Areas selected for application.*—Bombay.

5. *Other departments concerned.*—Public Works Department and the Directorate of Publicity.

6. *Upper staff for planning and/or execution of the scheme.*—
7. *Lower staff for planning and/or execution of the scheme.*— } Statement appended.

8. *How staff to be obtained.*—Locally.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(a) *Capital* ..	....	5,50,000	1,25,000	1,25,000	..	8,00,000
(b) *Recurring* ..	..	43,750	43,750	43,750	43,750	1,75,000
Total ..	....	5,93,750	1,68,750	1,68,750	43,750	9,75,000

10. *To what extent is the scheme productive and/or cost recoverable.*—The scheme can be productive and the cost can be recovered if it is decided to produce films on contract basis for other institutions and other Governments and sell copies of films produced by the Labour Welfare Department to outside agencies.

11. *Nature of material, machinery, etc., needed from*—

(*a*) *abroad.*—Machinery and equipment for producing films, if brand new items are to be purchased.

(*b*) *locally.*—If second hand materials are available.

12. *Any other remarks or information.*—Details of the scheme are under consideration.

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PRODUCTION OF FILMS.

6. *Upper staff for planning and/or execution of the scheme.—*

	Rs.
Director and Producer	750 p. m.
Assistant Director	250 p. m.
Cameraman	250 p. m.
Two Assistant Cameramen	150 p. m. each.
Recordist	600 p. m.
Two Assistant Recordists	200 p. m. each.
Music Director	600 p. m.
Six Musicians	150 p. m. each
Art Director	450 p. m.
Editor	250 p. m.
1st Assistant Editor	150 p. m.
2nd Assistant Editor	75 p. m.
Make-up-man	150 p. m.
Assistant Make-up-man	100 p. m.
Costume in-charge	100 p. m.
Two Assistants Costume in-charge	75 p. m. each.
Still Cameraman	150 p. m.
Laboratory-in-charge	450 p. m.
1st Assistant Laboratory-in-charge	200 p. m.
Two 2nd Assistants Laboratory-in-charge	100 p. m. each.
Production Manager	300 p. m.
Assistant Production Manager	125 p. m.
Studio Superintendent	350 p. m.
Operator	100 p. m.
Assistant Operator	75 p. m.
Light-in-charge	100 p. m.
Five Assistant Lights-in-charge	60 p. m. each.
Three Painters	100 p. m. each.
Property Man	100 p. m.
Establishment Assistant	125 p. m.
Two Assistant Establishment Assistants	75 p. m. each.
Three Laboratory Attendants	60 p. m. each.

7. *Lower staff for planning and/or execution of the scheme.—*

	Rs.
Two Peons	25 p. m. each.
Six Hamals	25 p. m. each.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 189.

1. *Department.*—Labour Welfare.

2. *Scheme.*—Supervision of welfare work in factories.

3. *Brief description of the scheme.*—This scheme envisages inspection of factories at places where welfare activities are provided, which the present limited staff of the Factory Department is not in a position to do frequently. Later on the co-ordination of different welfare activities in factories is intended to be taken up.

4. *Areas selected for application.*—All factories in the Province of Bombay for co-ordination of welfare activities and all towns where welfare centres are provided for frequent inspection of factories.

5. *Other departments concerned.*—Factory Department.

6. *Upper staff for planning and/or execution of the scheme.*—No more staff than provided for welfare centres as such.

7. *Lower staff for planning and/or execution of the scheme.*—Nil.

8. *How staff to be obtained.*—Locally.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(a) *Capital* ..	....	50,000	50,000	....	....	1,00,000
(b) *Recurring* ..	....	6,250	6,250	6,250	6,250	25,000
..	....	56,250	56,250	6,250	6,250	1,25,000

10. *To what extent is the scheme productive and/or cost recoverable.*—Not productive.

11. *Nature of material, machinery, etc., needed from*—
(a) *abroad*
(b) *locally* } Nil.

12. *Any other remarks or information.*—Details of the scheme are under the consideration of Government.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 190.

Scheme :—Recreation Parks.

Dropped.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 191.

1. *Department.*—Labour Welfare.

2. *Scheme.*—Construction of a Workers' Recreation Pavilion at Sayani Road playground, Bombay.

3. *Brief description of the scheme.*—It is proposed that a workers' recreation pavilion should be built for holding competitions in wrestling, hututu, volleyball, basket-ball, etc., and for providing proper seating arrangements for spectators.

4. *Areas selected for application*—Bombay City.

5. *Other departments concerned.*—Public Works Department.

6. *Upper staff for planning and/or execution of the scheme.*—

	Rs.
One Superintendent	100—5—200
One Groundsman	75—5—175

7. *Lower staff for planning and/or execution of the scheme.*—

	Rs.
One Mukadam	40 p. m.
Two Malis	25 p. m. each.
Two Chokras	20 p. m. each.
One Watchman	30 p. m.

8. *How staff to be obtained.*—Locally.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ..	....	1,74,000	20,000	....	....	1,94,000
(*b*) *Recurring* ..	....	....	3,000	3,500	3,500	10,000
Total ..	....	1,74,000	23,000	3,500	3,500	2,04,000

10. *To what extent is the scheme productive and/or cost recoverable.*—It may be possible to recover a part of the cost of maintenance, if the Pavilion is let to other institutions.

11. *Nature of material, machinery, etc., needed from—.*

(*a*) *abroad.*—Nil.

(*b*) *locally.*—Building material, grass cutting machines, hosepipes, rollers, scissors, choppers, pickaxes, etc.

12. *Any other remarks or information.*—Details of the scheme are under the consideration of Government.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 192.

1. *Department.*—Labour Welfare.

2. *Scheme.*—Four "B" type Centres, one each at Poona, Gadag, Gokak and Chalisgaon.

3. *Brief description of the scheme.*—As the welfare activities of this Department have proved helpful in raising the level of the workers' life, it is felt that there should be at least one Labour Welfare Centre at all the important Industrial towns in the Province. It is, therefore, proposed to provide the four industrial towns, viz., Poona, Gadag, Gokak and Chalisgaon with one "B" type Welfare Centre each.

4. *Areas selected for application.*—Poona, Gadag, Gokak and Chalisgaon.

5. *Other departments concerned.*—Public Works Department.

6. *Upper staff for planning and/or execution of the scheme.*—
7. *Lower staff for planning and/or execution of the scheme.*— } Statement appended.

8. *How staff to be obtained.*—Locally.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(a) *Capital* ..	....	87,250	87,250	87,250	87,250	3,49,000
(b) *Recurring* ..	....	....	9,000	12,500	15,500	37,000
Total ..	....	87,250	96,250	99,750	1,02,750	3,86,000

10. *To what extent is the scheme productive and/or cost recoverable.*—Not productive.

11. *Nature of material, machinery, etc., needed from—*

(a) *abroad.*—Radio sets and sewing machines.

(b) *locally.*—Building material, games material, sewing material, furniture, books, etc.

12. *Any other remarks or information.*—Details of the scheme are under consideration.

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Staff for a " B " type Centre at Poona.

		Rs.
1	Welfare Organiser	75—5—125
1	Woman Welfare Worker for Nursery School and Women's activities. ..	50—5/2—75
1	Indoor Games Teacher	40—1—50
1	Librarian	40—3/2—55
1	Children's Play-ground Overseer	40—1—50
1	Ayah	25 p. m.
1	Operator	40—3—70
1	Cleaner	23 p. m.
1	Sweeper	21 p. m.

Staff for each " B " type Centre at Gadag, Gokak and Chalisgaon.

		Rs.
1	Welfare Organizer	50—5/2—75
1	Woman Welfare Worker for Nursery School and Women's activities.	40—2—60
1	Indoor Games Teacher	30—1—40
1	Librarian	30—1—40
1	Children's Playground Overseer	30—1—40
1	Operator	35—1—45
1	Ayah	15 p. m.
1	Cleaner	14 p. m.
1	Sweeper	14 p. m.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 193.

1. *Department.*—Labour Welfare.

2. *Scheme.*—Construction of a creche building attached to the "A" type Centre at Sholapur.

3. *Brief description of the scheme.*—It is proposed that a separate building should be constructed, adjacent to the present "A" type Labour Welfare Centre at Sholapur, for the purpose of running a model creche for 30 babies and 30 toddlers.

4. *Areas selected for application.*—Sholapur.

5. *Other departments concerned.*—Public Works Department.

6. *Upper staff for planning and/or execution of the scheme.*—

One Supervisor	...	...	Rs. 80—4—160
One trained nurse for the toddlers	...	...	Rs. 40—3—100
One trained nurse for the babies	...	...	Rs. 40—3—100

7. *Lower staff for planning and/or execution of the scheme.*—

Four Ayahs	...	...	Rs. 14 p.m. each.
Two Sweepers	...	...	Rs. 14 p.m. each.
One Dhobi (Full-time)	...	...	Rs. 30 p.m.
One Gardener	...	...	Rs. 14 p.m.

8. *How staff to be obtained.*—Locally.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(a) *Capital* ..	....	38,000	4,000	..	....	42,000
(b) *Recurring* ..	....	....	....	2,000	2,000	4,000
Total		38,000	4,000	2,000	2,000	46,000

10. *To what extent is the scheme productive and/or cost recoverable.*—Not productive.

11. *Nature of material, machinery, etc., needed from*—

(*a*) *abroad.*—Nil.
(*b*) *locally.*—Cradles, furniture, etc.

12. *Any other remarks or information.*—

NATIONAL ARCHIVES OF INDIA

SCHEME No. 194.

1. *Department.*—Labour Welfare.

2. *Scheme.*—Housing of industrial workers.

3. *Brief description of the scheme.*—This schem is designed to relieve housing shortage experienced by industrial workers. Preference is to be given to the lower income groups. As suggested by the Greater Bombay Scheme Housing Panel the minimum space per family of four persons would be 250 square feet.

4. *Areas selected for application.*—Bombay, Ahmedabad and other industrial towns in the Province.

5. *Other departments concerned.*—Public Works Department.

6. *Upper staff for planning and/or execution of the scheme.*—The staff required will be on the lines of the staff engaged by the Bombay Improvement Trust and the Development Department. Details are to be worked out by the Housing Commissioner.

7. *Lower staff for planning and/or execution of the scheme.*—As in No. 6 above.

8. *How staff to be obtained.*—Locally.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—Rupees One Crore are to be expended during each year of the First Five-Year Period.

10. *To what extent is the scheme productive and/or cost recoverable.*—

Rs. 13·47—Monthly economic rent per tenement.

Rs. 6·00 or 10 per cent. of family income, whichever is lower. } Tenant.

Rs. 1·40 *plus* difference between Rs. 6·00 and actual rent recovered from tenant. } Central Government.

Rs. 1·87 ... ... Local Authority.

Rs. 2·80 ... ... Employer

Rs. 1·40 ... ... Provincial Government.

Out of Rs. 13·47 per tenement per month, Rs. 12·07 can be recovered from others if the scheme is accepted by the parties concerned.

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.*—
(*b*) *locally.*— } Building material.

12. *Any other remarks or information.*—

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SCHEME No. 195 (45 and 115).

1. *Department.*—Public Works Department.

2. *Scheme.*—Roads.

3. *Brief description of the scheme.*—Improvement of existing roads and construction of new roads as under :—

(*a*) National Highways	...	1,438	miles (to be financed by the Government of India).
(*b*) Provincial Highways	...	3,863	miles.
(*c*) Major District Roads	...	7,964	,,
(*d*) Other District Roads	...	7,294	,,
(*e*) Village Roads	...	10,322	,,
		30,881	miles.

4. *Areas selected for application.*—Items (*b*) to (*e*) above in the whole Province.

5. *Other departments concerned.*—Reconstruction, Revenue, General and Finance Departments.

6. *Upper staff for planning and/or execution of the scheme.*—The question of reorganisation of the staff for execution of the scheme is under the consideration of Government.

7. *Lower staff for planning and/or execution of the scheme.*—

8. *How staff to be obtained.*—

The technical staff will be obtained :—

(1) partly by promotion from within the Department.

(2) partly by recruitment (through the P. S. C.) of men without war or Defence Force Services.

(3) partly by recruitment of men from market or direct from Defence forces (through the P. S. C.) of men with war service.

9. *Rough estimates of cost at 1938-39+100 per cent. rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total
	(In thousands of Rupees).					
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
I *Capital.*—						
(*a*) Works expenditure ..	20,00	75,00	1,00,00	1,35,00	1,69,20	4,99,20
(*b*) Establishment Charges at 11/9 per cent.	2,22	8,33	11,11	15,00	18,82	55,48
	22,22	83,33	1,11,11	1,50,00	1,88,02	5,54,68
II *Recurring.*— ..	....	36	1,70	3,52	5,94	11,52
Total ..	22,22	83,69	1,12,81	1,53,52	1,93,96	5,66,20

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10. *To what extent is the scheme productive and/or cost recoverable.*—Not productive and no cost recoverable.

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.*—
(*b*) *locally.*— } *Vide* statement " A " attached.

12. *Any other remarks or information.*—The cost of the total programme including overhead charges is roughly estimated to be Rs. 94 crores. The period for completion of the programme originally contemplated was 15 years. If finances do not permit, the total period of the programme is likely to be extended to 20 or 25 years. The expenditure on road schemes other than National Highways will be distributed between (*a*) Provincial Highways and Major District Roads and (*b*) Other District Roads and Village Roads on a 50 : 50 basis as far as possible.

The cost of the scheme over five years corresponds with the Cabinet's allocation.

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STATEMENT A.

SCHEME No. 195.

Machinery and material likely to be required for the Post War Road schemes in the Bombay Province.

I. Machinery.

Item.	Nos.
1. *Road Rollers.*	
7,500 to 10,000 lbs. Portable Rollers	25
5,000 lbs. Two drum sheeps Foot Rollers	25
5 to 8 tons variable weight or 6 ton tenders Diesel Rollers	50
8 Ton Diesel Rollers	50
12 Ton Diesel Rollers	50
8 Ton Steam Rollers	75
12 Ton Steam Rollers	75
2. *Asphalt Boilers and Mixers.*	
250 gallons Asphalt Boilers	4
5 cubic feet Asphalt Mixers	4
3. *Cement Concrete Mixers, etc.*	
10/7 C. feet. capacity furnished with Diesel power	75
14/10 Cubic feet capacity furnished with Diesel power	25
Spreading, vibrating and finishing Machines for concrete	5
4. *Stone Crushers.*	
24″×12″ Stone crushers	25
16″×9″ Stone crushers	15
20″×5″ Granulators	10
Elevating and Screening plants	40
Compressed air sets with rock drills	30
5. *Oil Engines.*	
35 to 40 B. H. P.	25
30 to 35 B. H. P.	10
20 to 25 B. H. P.	40
10 to 15 B. H. P.	20
6. *Pumps.*	
600 G. P. M. 50 to 80 feet head	25
120 G. P. M. 120 feet head (portable pumping sets)	15
100 G. P. M. 50 feet lift pulsating fields	10
Boiler washart pumps	150
Boiler test pumps	15
250 G. P. M. Capacity Trailer pumps	10
50 G. P. M. Portable pumping sets	5
7. *Motor Trucks.*	
3. Ton capacity	300
5. Ton capacity	75
2. Yard Duspers	25
Water wagons 800 Gallons capacity	300
Water wagons 500 Gallons capacity	100

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STATEMENT A—*contd.*

Item.	Nos.
8. *Tractors with Graders.*	
Crawtex tractor, 50 B.H.P.	10
Do. 35 B.H.P.	
Bull dozers 70 B.H.P.	3
Angle dozers 70 B. H. P.	2
Scrapers 5 cubic yard capacity	5
Rollers for 20″ deep penetration	5
Calf dozers	5
9. *Lifting Machines.*	
Mobile crane 3½ to 5 tons capacity	3
Do. 2 to 3 tons capacity	3
Pulley blocks 3 tons capacity	50
Pulley blocks 1 ton capacity	50
Crab winches 2 cwts. direct from barrel	20
Do. 2 tons do.	20
Pulley blocks for use with winches for wire rope	20
Pulley blocks for use with winches for chain	20
Hydraulic jacks 20 tons capacity	36
Screw jacks 5 tons capacity	300
10. *Rail Trains.*	
Diesel Locomotives 33/40 B.H.P. for 2′–0″ gauge	5
Light Railway track 2′–0″ gauge	100 Mls.
Tipping wagons 27 cubic feet capacity for 2′–0″ gauge	250
Tipping wagons 36 cubic feet capacity for 2′–0″ gauge	250
11. *Boring sets.*	
Boring sets shot and Drill types	10
12. *General.*	
Short Crete equipment 3 yard/hour cap	3
Rotary grinders	10
II. Materials.	
1. Cement	50 lakh tons.
2. Asphalt (30/40 Penetration)	3 „ „
3. Asphalt (80/10 Penetration)	1 lakh ton.
4. Steel (for Bridges)	30,000 tons.
5. G. I. Pipes 1″ to 2″ size	1,000,000 R.ft.

Note.—The information given in the above statement is only a rough indication of the probable requirements of materials and machinery so far as can be foreseen at present, as it is not possible to furnish full or more accurate information until a large number of detailed Road Project Estimates are actually prepared. This statement does not also take into account the materials available from local resources.

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SCHEME No. 196 (75).

1. *Department.*—Public Works.

2. *Scheme.*—Buildings.

3. *Brief description of the scheme.*—The buildings to be constructed as a part of the Five-Year Plan have been divided into the following four categories :—

(*a*) Buildings required under various post war reconstruction schemes proper (e.g., vety. dispensaries under scheme No. 51);
(*b*) Buildings required by various Deptts. but not covered by (*a*) *supra* or (*c*) and (*d*) *infra* (old scheme 75);
(*c*) Office accommodation ; and
(*d*) Residential accommodation.

(ii) The provisions for buildings coming under (*a*) have been included in the total provisions for the various schemes themselves. The priority of these works will be determined by the priority allotted to the schemes. The Administrative Departments responsible for the execution of the schemes have to accord administrative approval to the plans and estimates. The P. W. D. will be responsible only for technical scrutiny and actual execution ; but it has also been decided to allow some of the Deptts. to undertake, wherever possible, the construction themselves with the assistance of a nucleus P.W.D. staff.

(iii) As regards works under (*b*), separate allocations have been made for various Deptts. as under :—

	Rs. (in thousands)
Jail, Police, Criminal Tribes and Motor Vehicles ...	2,00,00
Education and Medical	80,00
P.W.D. buildings	19,20
Veterinary	80
Total ...	3,00,00

(iv) The P. W. D. will however coordinate the building programme of the various Departments within the allocations sanctioned under this category and also under categories (*c*) & (*d*). Allocations of Rs. 1 crore each have been sanctioned for buildings under categories (*c*) and (*d*) and the priorities *inter se* for such buildings are to be decided at meetings of the Secretaries of Departments.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—All Departments.

6. *Upper staff for plannning and/or executiion of the scheme.*—
7. *Lower staff for planning and/or execution of the scheme.*—
8. *How staff to be obtained.*—

} *Vide* statement "A" appended.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.—Vide* statement "B" appended.

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10. *To what extent is the scheme productive and/or cost recoverable.*—The buildings under (*d*), viz., residential buildings will be self-supporting in regard to recurring expenditure.

11. *Nature of material, machinery, etc., needed.*—*Vide* statement " C " appended.

12. *Any other remarks or information.*—The figures of expenditure over five years for scheme 196(*b*) are rough. The figures for the first year (1947-48) have been adopted from the provisions made in the P. W. R. budget for that year, while the figures for the remaining four years have been assumed *pro rata* in the absence of more detailed information from the Departments concerned, which is being collected by the Public Works Department. The distribution of expenditure for five years according to Departments is given in Statement D. The lists of works proposed to be undertaken within these allocations are being collected by the Public Works Department.

NATIONAL ARCHIVES OF INDIA

STATEMENT A.

Scheme No. 196—*Buildings*—(*Establishment engaged on Building*)

		Scale Rs.
(1) *Upper staff for planning and execution.*	One Chief Engineer (also responsible for Roads, Irrigation and Public Health schemes).	2,750—125—3,000.
	One Superintending Engineer (also responsible for Roads and Irrigation schemes).	2,750—100—2,150
	One Executive Engineer ..	440—40—1,000
	Three Deputy Engineers ..	250—20—750.
(2) *Lower staff for planning and execution.*—	Ten Overseers ..	70—5—100—10—250
	Office Staff ..	Scales already sanctioned for the various grades will be adopted.

(3) *How staff to be obtained.*—The technical staff would be obtained—

(1) partly by promotion from within the Department.

(2) partly by recruitment (through the P.S.C.) of men without war or Defence Force Services.

(3) partly by recruitment of men from outside or direct from the Defence Force (Through the P.S.C.) of men with war service. The ratio between 2 and 3 will be fixed on 50 : 50 basis for the time being.

9. *Rough estimates of cost at existing rates or each year of the First-Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
			(In thousands of Rupees.)			
Recurring ..	60	1,15	1,20	1,20	1,20	5,35

Note.—(1) (The expenditure under the 1st and 2nd year includes the proportionate cost of one Superintending Engineer (Rs. 3,000) who is also responsible for Roads and Irrigation schemes).

Note.—(2) The expenditure under the 3rd, 4th and 5th year includes (1) the proportionate cost of the Chief Engineer (Rs. 5,000) who is also responsible for Roads, Irrigation and Public Health schemes and (2) One Superintending Engineer (Rs. 3,000) who is also responsible for Roads scheme.

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STATEMENT

POST-WAR

Building

Statement showing expenditure proposed

Scheme No.	Name of work.	Total cost of the whole programme.	Expenditure proposed during 1st Year.		2nd Year		3rd Year.
			Capital	Recurring.	Capital.	Recurring.	Capital.
1	2	3	4	5	6	7	8
							(*In thousands of Rupees.*)
196(*a*)	Building works included under several Departmental Post-War Reconstruction Schemes.	6,34,00*	1,00,00	....	1,00,00	....	1,00,00
			20,00	....	20,00	....	20,00
			....	....	....	1,80	....
196(*b*)	Buildings not covered by 196(*a*), (*c*) or (*d*) (Old scheme No. 75).	4,93,00	1,09,47	....	43,28	....	47,26
			....	....	....	....	....
			....	....	....	96	....
196(*c*)	Office accommodation	....	16,00	....	16,00	....	16,00
			3,20	....	3,20	....	3,20
		4,30,00	....	....	....	29	....
196(*d*)	Residential accommodation for Government servants.	....	16,00	....	16,00	....	16,00
			3,20	....	3,20	....	3,20
		5,57,00	....	....	....	....	....
Total (*b*), and (*d*)	*Capital* ..		1,47,87	....	81,68	....	85,66
	Recurring		....	....	....	1,25	....
Grand Total—*Capital and Recurring*		....	1,47,87		82,93		

* Out of Rs. 6,34,00,000 only Rs. 5,00,00,000 would be

† Recurring expenditure is allowed at the rate of 1·8

‡ Capital expenditure includes establishment required

§ Residential buildings would be self-supporting and

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B.

RECONSTRUCTION.

Programme.

during the First Five Years.

Five Years.							Recurring expenditure after five years.
	4th Year.		5th Year.		Total of five years.		
Recurring.	Capital.	Recurring.	Capital.	Recurring.	Capital.	Recurring.	
9	10	11	12	13	14	15	16
....	1,00,00	....	1,00,00	....	5,00,00	....	....
....	20,00	....	20,00	....	1,00,00	....	....
3,60	....	5,40	....	7,20	....	18,00†	9,00
....	46,06	....	46,06	....	2,92,13‡	....	....
....	....	....	....	....	....	....	....
1,61	....	2,31	....	2,99	....	7,87	4,41
....	16,00	....	16,00	....	80,00‡	....	....
....	3,20	....	3,20	....	16,00	....	....
58	....	87	....	1,16	....	2,90	1,44
....	19,00	....	16,00	....	83,00§	....	....
....	3,80	.....	3,20	....	16,60	....	....
....	....	....	....	....	....	....	....
....	88,06	....	84,46	....	4,87,73	....	....
2,19	....	3,18	....	4,15	....	10,77	5,85
87,85	91,24		88,61		4,98,50		5,85

spent during the first five years.
per cent. of the capital cost.
for executing the scheme.
hence no provision has been made on this account.

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STATEMENT C.

SCHEME No. 196.

BUILDINGS.

Materials required.

	In the first five-year period of the Scheme.	For the whole Scheme.
	Tons.	Tons.
Cement	60,000	2,00,000
Steel	12,000	40,000

Plant required.

	In the first two years of the first five years' period of the Scheme.
Lorries	36 Nos.
Stone Crushers	6 Nos.
Saw benches	2 Nos.
Rock drills	12 Nos.
Concrete mixers	10 Nos.
Pile driving plant	1 No.
Pumping plant for foundations, etc.	1 No.

Note.—The above information involves a large number of important assumptions, which may or may not prove accurate in practice. Therefore, the data given should be considered as being very approximate only and the best available at this stage.

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STATEMENT D.

Statement showing capital and recurring expenditure on the Post War Reconstruction Schemes—Scheme No. 196-B—(Old Scheme No. 75) during the first five years.

S. No.	Name of Department.	Amount allotted.	Expenditure proposed during the		
			1st year	2nd year	3rd year
1	2	3	4	5	6
		Rs.	Rs.	Rs.	Rs.
1	*Public Works Department* ..	19,20,000			
	Capital Works ..		1,96,000	196,500	3,90,000
	Establishment charges ..		39,000	39,000	78,000
			2,35,000	2,35,500	4,68,000
	Recurring charges ..		....	3,500	7,000
	Total ..		2,35,000	2,39,000	4,75,000
2	*Education and Industries Department.*	28,50,000			
	Capital works		1,75,000	3,50,000	5,98,300
	Establishment charges ..		35,000	70,000	1,19,660
			2,10,000	4,20,000	7,17,960
	Recurring charges		....	3,150	9,450
	Total ..		2,10,000	4,23,150	7,27,410
3	*Home Department*	..2,00,00,000			
	Capital Works ..	..	45,34,000	29,50,000	29,50,000
	Establishment charges ..		9,06,800	5,90,000	5,90,000
			54,40,800	35,40,000	35,40,000
	Recurring charges		....	81,200	1,35,000
	Total ..		54,40,800	36,21,200	36,75,000
4	*Health and Local Government Department* ..	51,50,000			
	Capital works		41,54,800	1,10,640	....
	Establishment charges ..		8,30,960	22,100	....
			49,85,760	1,32,740	....
	Recurring charges		....	7,500	8,000
	Total ..	..	49,85,760	1,40,240	8,000
5	*Reconstruction Department* ..	80,000			
	Capital works		63,000	....	....
	Establishment charges ..		12,600	....	....
			75,600	....	....
	Recurring charges		....	1,100	1,100
	Total ..		75,600	1,100	1,100

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STATEMENT D—*contd.*

S. No.	Name of Department.	Amount allotted.	Expenditure proposed during the		Total
			4th year	5th year	
1	2	3	7	8	9
			Rs.	Rs.	Rs.
1	*Public Works Department*				
	Capital Works		3,90,000	3,90,000	15,62,500
	Establishment charges ..		78,000	78,000	3,12,000
			4,68,000	4,68,000	18,74,500
	Recurring charges ..		14,000	21,000	45,500
	Total ..		4,82,000	4,89,000	19,20,000
2.	*Education and Industries Department*				
	Capital works		5,98,300	5,98,300	23,19,900
	Establishment charges ..		1,19,660	1,19,660	4,63,980
			7,17,960	7,17,960	27,83,880
	Recurring charges ..		21,520	32,000	66,120
	Total ..		7,39,480	7,49,960	28,50,000
3.	*Home Department*				
	Capital Works		28,50,000	28,50,000	1,61,34,000
	Establishment charges		5,70,000	5,70,000	32,26,800
			34,20,000	34,20,000	1,93,60,800
	Recurring charges ..		1,86,000	2,37,000	6,39,200
	Total ..		36,06,000	36,57,000	2,00,00,000
4	*Health and Local Government Department*				
	Capital works		....	....	42,65,440
	Establishment charges ..		....	....	8,53,060
			....	....	51,18,500
	Recurring charges		8,000	8,000	31,500
	Total ..		8,000	8,000	51,50,000
5	*Reconstruction Department*				
	Capital works		....	....	63,000
	Establishment charges ..		....	....	12,600
			....	....	75,600
	Recurring charges ..		1,100	1,100	4,400
	Total ..		1,100	1,100	80,000

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OTHER RECONSTRUCTION SCHEMES.

(SCHEMES 197 to 206.)

The Cabinet's allocation for other Reconstruction schemes is Rs. 1,55,32,000 :—

No.	Scheme.	Allocation.
		Rs.
197	Expansion of Reconstruction Department in the Secretariat ...	5,00,000
198	Grants-in-aid to Social Service Institutions	50,00,000
199	Promotion of Communal Harmony	10,00,000
200	Advancement of Fine Arts and Culture	10,41,000
201	Provision of National Parks and Gardens	50,00,000
202	Provincial Board of Communications }	25,00,000
203	Water Board ... ... }	
204	Road Test Track and Soil Mechanics Section	4,40,000
205	Training abroad in Distillery Management	11,000
206	Training of Public Works Department personnel	40,000
	Total ...	1,55,32,000

The scheme No. 199 has since been dropped while scheme No. 205 has been included in scheme No. 82 under 'Education'. The costs of other schemes are within the respective allocations, except in the case of schemes Nos. 200 and 204 (*see* note under "Education").

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SCHEME No. 197.

1. *Department.*—Reconstruction.

2. *Scheme.*—Expansion of the Reconstruction Department in the Secretariat.

3. *Brief description of the scheme.*—The Reconstruction Department was originally created in December 1944, when the volume of work in the Revenue Department increased tremendously due to many problems created by the War. The Reconstruction Department, since its bifurcation from the Revenue Department, has been dealing with various development matters such as (*a*) Agriculture, (*b*) "Grow More Food" schemes, (*c*) Veterinary, (*d*) Land Improvement, (*e*) Rural Development, etc., in addition to (*f*) planning and co-ordination of the Five-Year Post War Reconstruction Plan and (*g*) Resettlement of Ex-servicemen. Government has now decided to create an Agricultural and Rural Development Department to deal with the subjects at (*a*) to (*e*) above, so that the Reconstruction Department can devote itself exclusively to the subjects at (*f*) and (*g*).

The work involved in Reconstruction planning and co-ordination is enormous and is likely to increase with the finalisation of the Revised Five-Year Plan and the commencement of actual execution of the 230 schemes included therein. The Reconstruction Department has to scrutinise the programmes of work for all the schemes at the beginning of each financial year and revised programmes as and when they come. Monthly progress reports on all the schemes have to be examined closely and steps taken for removal of difficulties and bottlenecks holding up progress, such as shortages of trained staff, labour, materials, etc. Government also contemplates concentrated development in selected compact areas so as to make the best use of the limited staff available and to achieve visible and measurable results within a given period. Details of such development will have to be worked out in consultation with other Departments. Financial implications of all schemes will have to be watched simultaneously with other aspects of progress, and care taken to ensure that no wastage occurs and that there is all-round development in all spheres of the Post War Reconstrucion Plan. The Reconstruction Department has also to examine the Plans of other Governments and States, and also the numerous suggestions made at the District Conferences which are being held with a view to closer association of the public with Government's Post War Reconstrution Plan. It has to work as an Information Bureau, co-ordinating the Post War Reconstruction activities of all Departments of Government.

4. *Areas selected for application.*—Bombay.

5. *Other departments concerned.*—

6. *Upper staff for planning and/or execution of the scheme.*—

Secretariat staff.

In addition to the existing staff of 1 Joint Secretary, 1 Assistant Secretary (tempy.), 2 noting branches and 1 stenographer, it will be necessary to have the following staff :—

One Deputy Secretary (Rs. 1,200 p.m.). If the Joint Secretary's post does not continue, one more Deputy Secretary will be required.

Three Superintendents (including one for Registry) in the scale of Rs. 275—20—375—25—425.

Two Senior Assistants in the scale of Rs. 180—10—200—15—260.

Three Junior Assistants (including one for Regy.) in the scale of Rs. 100—5—120—10—170—E.B.—10—220.

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Two clerks in the scale of Rs. 50—3—95.

Fifteen Clerks for Registry in the scale of Rs. 50—3—95.

One Stenographer in the scale of Rs. 150—5—250—10—300 for Deputy Secretary.

Two Typists in the scale of Rs. 50—3—95.

Six Peons on Rs. 23 p. m. each.

(Provision has been made for two branches only to start with).

Inspecting Staff.

Three Inspecting Officers in class I (Rs. 300-20—420—E.B.—30—660—E.B.—400—900)—One from Agricultural Department, one from Public Works Department and one from Revenue Department (in the grade of Rs. 300—50—550—50/2—650) for general inspection.

Three Clerks in the grade of Rs. 60—5/2—75.

Three Typists in the grade of Rs. 25—5/2—55.

Six Assistant Inspecting Officers in Class II (Rs. 170—10—250—E.B.—15—400—E.B.—20—500). Two for each Inspecting Officer. Revenue Department Officers will be in the grade of Rs. 200—15/2—260.

Six Clerk-typists in the grade of Rs. 25—5/2—55.

7. *Lower staff for planning and/or execution of the scheme.*—Twenty-four Peons on Rs. 23 p. m. each.

8. *How staff to be obtained.*—By promotion and by direct recruitment.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(a) *Capital* ...	1,000	1,000	1,000	1,000	1,000	5,000*
(b) *Recurring* ...	70,000	90,000	1,00,000	1,15,000	1,20,000	4,95,000
Total ...	71,000	91,000	1,01,000	1,16,000	1,21,000	5,00,000

*Furniture, etc.

10. *To what extent is the scheme productive and/or cost recoverable.*—Not productive.

11. *Nature of material, machinery, etc., needed from*—

(a) *abroad.*—Nil.

(b) *locally.*—Nil.

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12. *Any other remarks or information.*—A Development Board of the Secretaries of the Departments concerned with P.W.R., with the Chief Secretary as Chairman, has been constituted to consider the problems arising out of the execution of P. W. R. schemes and to suggest ways and means to achieve quickest and most economic execution of our P. W. R. Plan. The Board meets once a month and oftener, if required. Problems of prime importance are discussed at the meeting and recommendations made. The R. C. D. arranges for these meetings and also attends to the work of the Board, drafting of proceedings, etc., and sees that the suggestions made by the Board are implemented.

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MO-III Bk H 441—25a

SCHEME No. 198.

1. *Department.*—General Department.

2. *Scheme.*—Grants-in-aid to institutions engaged in social services (not covered by the Rules).

3. *Brief description of the scheme.*—There is at present a large number of institutions rendering social service which are greatly hampered by a lack of funds and a large body of public spirited men desirous of starting such institutions, but unable to do so without financial assistance. The object of the scheme is to foster the spirit of public service by giving grants-in-aid to such institutions. In villages in particular, such institutions can do much to educate the public in sanitation, public health, recreation and similar other activities. The grants will be sanctioned on the recommendations of the Collectors and other Heads of Departments of Government.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—All Departments.

6. *Upper staff for planning and/or execution of the scheme.*—
7. *Lower staff for planning and/or execution of the scheme.*— } Nil.

8. *How staff to be obtained.*—Does not arise.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—A total provision of Rs. 50 lakhs over five years has been made for the scheme, the details of which are still to be settled. Pending settlement of these details, a provision of Rs. 5,00,000 has been made in the budget for 1947–48. The amounts to be spent during each of the remaining years will depend on the number of applications for grants received by Government.

10. *To what extent is the scheme productive and/or cost recoverable.*—Not productive, cost not recoverable.

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.*—
(*b*) *locally.*— } Nil.

12. *Any other remarks or information.*—Nil.

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SCHEME No. 199.

Scheme.—Promotion of Communal Harmony.

[Dropped.]

NATIONAL ARCHIVES OF INDIA

SCHEME No. 200.

1. *Department.*—Educational.

2. *Scheme.*—Advancement of Fine Arts and Culture.

3. *Brief description of the scheme.*—It is proposed to encourage institutions devoted to Art, Music, etc., by giving them recurring and non-recurring grants-in-aid.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Nil.

6. *Upper staff for planning and/or execution of the scheme.*—
7. *Lower staff for planning and/or execution of the scheme.*— } Nil.

8. *How staff to be obtained.*—Does not arise.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ...	...	.....	82,000	2,00,000	2,00,000	4,82,000
(*b*) *Recurring* ...	2,00,000	3,00,000	3,00,000	4,00,000	4,00,000	16,00,000
Total ...	2,00,000	3,00,000	3,82,000	6,00,000	6,00,000	20,82,000

Average Recurring : Rs. 2 lakhs at the end of five years.

10. *To what extent is the scheme productive and/or cost recoverable.*—Nil.

11. *Nature of material, machinery, etc., needed from*—
(*a*) *abroad.*—
(*b*) *locally.*— } Nil.

12. *Any other remarks or information.*—The grants to be paid will be token grants.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 201.

1. *Department.*—Political and Services Department.

2. *Scheme.*—Provision of National Parks and Public Gardens.

3. *Brief description of the scheme.*—With a view to providing the public with the amenity of national parks and gardens, it has been decided to constitute a Department of Parks and Gardens, (1) to survey the Province and plan the establishment of national parks in suitable areas, (2) to reorganise existing gardens, whether owned by Government or local bodies, and plan the establishment of additional gardens specially in urban areas and (3) to prevent the spoliation of natural beauty spots arising out of industrial and commercial enterprises and save them for the nation. As the Kanheri Caves area and the Magathan Estate in the Thana district present a fine field for the establishment of the first national park, it has been decided to acquire the Kanheri Caves from the Government of India and to purchase the Magathan Estate for a sum of rupees three lakhs, and to incur an expenditure of rupees two lakhs for horticultural improvements in this Province in the year 1947–48.

4. *Areas selected for application.*—Though at present the scheme is restricted to Thana district, it is intended later on to extend it to the whole Province.

5. *Other departments concerned.*—Agricultural and Public Works Departments

6. *Upper staff for planning and/or execution of the scheme.*—
One Director of Parks and Gardens—Rs. 600—75—1,200.
One Technical Assistant (Gardens)—Rs. 170—10—250.
One Technical Assistant (Forests)—Rs. 170—10—250.
One Photographer—Rs. 200—25—300.
Two Surveyors—Rs. 120—20—250.
Two Tracers—Rs. 50—5/2—95.
One Accountant—Rs. 80—5—140.
One Head Clerk—Rs. 135—5—180.
One Junior Clerk-typist—Rs. 80—5/2—100.

7. *Lower staff for planning and/or execution of the scheme.*—
Four Malis—Rs. 50—2—60.
One Naik on Rs. 20 p. m.
One Peon on Rs. 18 p. m.

8. *How staff to be obtained.*—Recruitment for the Gazetted post of Director of Parks and Gardens will be made through the Bombay-Sind Public Service Commission and for the other posts locally.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ...	4,66,000		(Not worked out.)			48,28,350
(*b*) *Recurring* ...	34,000	34,165	34,330	34,495	34,660	1,71,650
					Total ...	50,00,000

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10. *To what extent is the scheme productive and/or cost recoverable.*—The scheme is not directly productive.

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.*—Nil.

(*b*) *locally.*—furniture, tools, etc.

12. *Any other remarks or information.*—The scheme will be worked out at present in the Political and Services Department, but either the Agricultural or the Public Works Department will be associated with it to some extent.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 202.

1. *Department.*—Public Works Department.

2. *Scheme.*—Provincial Board of Communications.

3. *Brief description of the scheme.*—The existing Board of Communications, which was originally styled "Road Board", was constituted in 1926. It is considered that the constitution and functions of the existing Board of Communications must be radically altered and a new Board set up in its place, which will concern itself not only with the road system of the Province, but also with all other means of communication including railways, guideways, tramways, waterways and airways.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Home, General and Reconstruction Departments.

6. *Upper staff for planning and/or execution of the scheme.*—
7. *Lower staff for planning and/or execution of the scheme.*—
8. *How staff to be obtained.*—
9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

} As the details of the scheme are to be worked out after the reorganisation of the Public Works Department, it is not possible to give these details now.

10. *To what extent is the scheme productive and/or cost recoverable.*—Nil.

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.*— } Nil.
(*b*) *locally.*— }

12. *Any other remarks or information.*—The details of the scheme have not yet been worked out. A total amount of Rs. 25 lakhs has been allocated for this scheme and scheme No. 203 taken together.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 203.

1. *Department.*—Public Works Department.

2. *Scheme.*—Water Board.

3. *Brief description of the scheme.*—With a view to making a complete hydrographic survey of the Province and planning the utilisation of all surface and underground water resources for irrigation, navigation and hydro-electric power generation purposes, it is essential to constitute a Permanent Board which will arrange for the collection of all necessary data and formulate schemes which can subsequently be worked out in detail by the Department or Departments concerned. The wide extension of irrigation facilities contemplated in the Post-War Reconstruction Plan, and in fact the scientific exploitation of surface water flow in any measure will require planning for each catchment as a whole. This will necessarily involve the need for the closest co-operation between all the interests affected, including the Indian States which are thickly interspersed with our own territory. The Board could, whenever necessary, invite a representative or representatives of the State or States concerned to serve on the Board as co-opted Members when considering any issue affecting the State or States.

Until the staff position eases by new recruitment, as it is hoped it will do in the course of a year or two, the question of the establishment of a Water Board has been held in abeyance in so far as detailed proposals are concerned. In the meanwhile, however, one Irrigation Officer will be appointed to collect and classify whatever data is already available and take steps for the collection of further data. One Geologist will also be appointed to prepare, in conjunction with the Irrigation Officer, a geological survey of the Province as quickly as possible. If necessary, a small technical Committee including :—

(*i*) The Chief Engineer and Secretary, Public Works Department (Irrigation),

(*ii*) The Chief Engineer, Public Works Department,

(*iii*) The Director of Agriculture (Engineering),

(*iv*) The Director of Agriculture,

(*v*) The Superintending Engineer, Deccan Irrigation Circle, and

(*vi*) The Principal, College of Engineering,

may also be set up to direct the work of the Irrigation Officer and the Geologist and to see that the foundations are laid of an organisation that will be of immense value in the future.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Reconstruction, Revenue, Educational and Finance Departments.

6. *Upper staff for planning and/or execution of the scheme.*—

7. *Lower staff for planning and/or execution of the scheme.*—

The details of the staff and its recruitment and cost are yet to be settled.

8. *How staff to be obtained.*—*Vide* item 6 above.

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9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ...	In view of the reply to 6 above, no idea can be given about estimates of cost at this stage.					
(*b*) *Recurring* ...						

10. *To what extent is the scheme productive and/or cost recoverable.*—The scheme is not productive.

11. *Nature of material, machinery, etc., needed from*—

(*a*) *abroad.*—
(*b*) *locally.*— } No details can be furnished at this stage.

12. *Any other remarks or information.*—See item 12 under scheme 202.

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SCHEME No. 204.

1. *Department.*—Educational.

2. *Scheme.*—Establishment of a Road Test Track and Soil Mechanics Research Station.

3. *Brief description of the scheme.*—In view of the extensive road programme proposed under the Post-War Reconstruction Plan, it is essential that intensive research be carried out to evolve various types of low cost roads and devise an economical means of stabilising earth roads. The large minor irrigation programme also requires for economical execution that the design of earthen dams should be based on the latest principles of soil stability. It is, therefore, proposed to establish a Road Test Track and Soil Mechanics Research Station at the College of Engineering, Poona.

4. *Areas selected for application.*—Poona.

5. *Other departments concerned.*—Public Works Department.

6. *Upper staff for planning and/or execution of the scheme.*—
Two Assistant Engineers—Rs. 170—500.
One Chemist—Rs. 170—500.
Two Store-keepers—Rs. 80—5—120.
Two Clerks—Rs. 80—5—120.
One Laboratory Assistant—Rs. 75—5—100.
One Mechanic—Rs. 100—5—150.
Four Workmen—Rs. 55—2—65.

7. *Lower staff for planning and/or execution of the scheme.*—
Two hamals.
One watchman.

8. *How staff to be obtained.*—By recruitment.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ...	3,47,900	23,800	40,100	13,400	14,800	4,40,000
(*b*) *Recurring* ...	34,790	41,290	42,046	54,046	54,046	2,26,218
Total ...	3,82,690	65,090	82,146	67,446	68,846	6,66,218

Average recurring :—Rs. 54,000.

10. *To what extent is the scheme productive and/or cost recoverable.*—Nil.

11. *Nature of material, machinery, etc., needed from*—
(*a*) *abroad.*—
(*b*) *locally.*— } Details to be worked out.

12. *Any other remarks or information.*—Nil.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 205 (14-E).

Scheme.—Sending a candidate fo training in the Unrited Kingdom and United States of America in fermentation, distillery management, etc.

(Included in Scheme No. 82.)

NATIONAL ARCHIVES OF INDIA

SCHEME No. 206.

1. *Department.*—Public Works Department.

2. *Scheme.*—Training personnel abroad.

3. *Brief description of the scheme.*—In December 1945, two candidates in the Bombay Service of Engineers, Class II, were deputed to the United Kingdom for advanced study in Civil Engineering and have been undergoing post-graduate study in Civil Engineering for one year at the Edinburgh University. This will be followed by practical training under a Borough or a County Engineer in the United Kingdom for the second year.

During the year 1947 and thereafter some Officers in the Bombay Service of Engineers Class II are to be deputed to the United Kingdom for a period of about 2 years for advanced study in Civil Engineering on study leave terms. It is also proposed to depute some technical assistants under the Special Officer (Electric Grid) as stipendiary students to the United Kingdom for training in Electrical Engineering.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Educational Department.

6. *Upper staff for planning and/or execution of the scheme.*—
7. *Lower staff for planning and/or execution of the scheme.*— } Nil.

8. *How staff to be obtained.*—Does not arise.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	*Total.*
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Capital ...	20,000	15,000	5,000	.....	.....	40,000

10. *To what extent is the scheme productive and/or cost recoverable.*—Not directly productive and no cost recoverable.

11. *Nature of material, machinery, etc., needed from—*

(*a*) *abroad.*—
(*b*) *locally.*— } Nil.

12. *Any other remarks or information.*—The scheme has been undertaken with a view to getting trained Engineers for carrying out works during the post-war period.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 207 (44).

1. *Department.*—Home Department.

2. *Scheme.*—Nationalisation of Road Transport. (Passenger Services in the rural areas).

3. *Brief description of the scheme.*—

I. *Objects.*—The objects of the proposed scheme are :—

(*i*) Nationalisation of road transport with a view to :

(*a*) increasing the operational efficiency of road transport services ;

(*b*) ensuring that road transport services are run in the public interest and that any profits accruing from the operation of such services are utilised for the public benefit.

(*ii*) Co-ordination of :

(*a*) existing road transport service to secure maximum operational economy and efficiency ;

(*b*) road transport, with rail and sea transport in order to provide to the public the maximum convenience consistent with efficient and economic administration of road transport and to eliminate wasteful overlapping.

II. *Short description.*—It is proposed to take over transport services in rural areas. These will be controlled by a single statutory Provincial Road Transport Board in which the Bombay Government will have a controlling interest in both finance and administration. A 25 per cent. share is proposed to be offered to the railways to ensure economic integration of the entire land transport system.

For ease of operation the Province will be divided into zones based on areas of homogeneous traffic flow. A Manager appointed through the Public Service Commission and responsible to the Board will be placed in charge of each zone.

The work of the zones will be co-ordinated and directed by a Statutory Board including experienced representatives of business and the railways.

Within its terms of reference and subject to the general supervision of Government, the Board will work independently. It will, however, be advised by a Provincial Advisory Council which in turn would receive advice and representations from Regional and Zonal Advisory Councils.

4. *Areas selected for application.*—Rural areas in the whole Province.

5. *Other departments concerned.*—Nil.

6. *Upper staff for planning and/or execution of the scheme.—Vide* statement 'A' attached.

7. *Lower staff for planning and/or execution of the scheme.—Vide* statement 'B' attached.

8. *How staff to be obtained.*—The subordinate staff will be largely recruited from the existing transport concerns which will cease to exist when the scheme comes into operation, provided such personnel is suitable. Ex-army drivers and mechanics will also be employed.

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The higher staff such as Zonal Managers and above will be selected through the Public Service Commission.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ...	1,50,00,000	1,68,00,000	82,00,000	.....	.....	4,00,00,000
(*b*) *Recurring* ...	1,18,00,000	3,50,00,000	5,37,00,000	5,37,00,000	5,37,00,000	20,79,00,000
Plus interest ...	5,25,000	11,13,000	14,00,000	14,00,000	14,00,000	58,38,000
Total ...	2,73,25,000	5,29,13,000	6,33,00,000	5,51,00,000	5,51,00,000	25,37,38,000

10. *To what extent is the scheme productive and/or cost recoverable.*—It is estimated that the scheme will be productive and the cost will be recoverable in under 15 to 20 years.

11. *Nature of material, machinery, etc., needed from*—

(*a*) *abroad.*—1. New Trucks, cars and Motor cycles.
2. Machinery for workshop.
3. Spare parts.
4. Ticket machines.
5. Part of building material.

(*b*) *locally.*—1. Old vehicles.
2. Building materials.
3. Petrol, oil, grease, etc.
4. Stationery.
5. Miscellaneous articles.

12. *Any other remarks or information.*—The scheme is yet to be finalised. The Cabinet's allocation is Rs. 3,44,68,000.

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STATEMENT 'A'.

Designation.	Average rate of pay per month.
	Rs.
For Planning.—	
1 Special Officer	1,500
1 Supervisor Inspector	300
(Monthly Expenditure—Rs. 1,800/- Yearly Expenditure—Rs. 21,600.)	
For Execution.—	
1 Provincial Transport Commissioner	3,000
1 Finance Expert	2,000
1 General Manager	2,000
13 Zonal Managers	1,050
2 Zonal Managers	850
2 Deputy General Managers	800
1 Secretary and Office Superintendent	600
13 Workshop Superintendents	400
15 Deputy Zonal Managers	499
(Monthly Expenditure—Rs. 35,750. Annual Expenditure—Rs. 4,29,000.)	

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STATEMENT 'B'.

Designation.	Average rate of pay per month.
For Planning.—	Rs.
1 Senior clerk	120
2 Junior clerks	70
1 Statistician	250
1 Stenographer	145
2 Peons	23
(Monthly Expenditure—Rs. 701. Annual Expenditure—Rs. 8,412.)	
For Execution.—	
1 Chief Accountant	500
1 Head Statistician	450
1 Assistant Statistician	350
4 Accountants	350
15 Labour Officers	250
15 Office Superintendents	250
15 Assistant Workshop Superintendents	250
96 Area Managers	250
13 Chief Ticket Inspectors	225
15 Chief Store-keepers	200
15 Statisticians	160
15 Accountants	160
15 Auditors	160
15 Head Clerks	160
96 Deputy Area Managers	160
96 Garage Superintendents	160
15 Foremen	160
15 Purchase Agents	150
8 Deputy Accountants or Accountants Clerks ...	150
15 Inspectors (Commr.)	140

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STATEMENT B—*contd.*

Designation.	Average rate of pay per month.
	Rs.
96 Accountants	130
2 Stenographers	125
15 Tyre Supervisors	115
96 Assistant Garage Superintendents	110
15 Head Carpenters	110
15 Stenographers	100
291 Senior Clerks	100
111 Cashiers	100
15 Draftsmen	100
96 Ticket Inspectors	100
29 Tyre Vulcanizers	90
15 Electricians	90
15 Assistant Carpenters	90
18 Turners	90
15 Welders	90
96 Carpenters	90
59 Head Fitters	85
192 Mechanics	85
19 Typists	80
15 Store-keepers	80
96 Store-keepers	75
3,224 Drivers	70
15 Blacksmiths	70
15 Painters and Polishers	70
334 Junior Clerks	65
15 Mochis	70
58 Store Clerks	65

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STATEMENT B—*contd.*

	Designation.	Average rate of pay per month.
		Rs.
177	Fitters	65
192	Assistant Ticket Inspectors	60
96	Assistant Vulcanizers	60
576	Fitters or Servicing Men	60
192	Stand Managers	60
192	Store Clerks	50
720	Skilled helpers	50
288	Booking Clerks	50
3,138	Conductors	50
15	Naiks	40
30	Chowkidars	35
15	Sweepers	35
111	Peons	35
427	Sweepers	30
384	Chowkidars	30
720	Helpers	30
45	Watchmen and Hamals	30
422	Peons	30

(Monthly Expenditure—Rs. 8,34,740.

Annual Expenditure—Rs. 1,00,16,880.)

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AMELIORATION OF BACKWARD CLASSES.

(SCHEMES 208 to 225.)

The Cabinet's allocation for the head of development " Amelioration of Backward Classes " is Rs. 1 crore over five years. The cost of the schemes comes to Rs. 87,03,860 which is within the Cabinet's allocation.

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SCHEME No. 208.

1. *Department.*—Education and Industries Department (Backward Class Departmedt).

2. *Scheme.*—Ameliorative measures for the improvement of Backward Classes—Primary Education.

3. *Brief description of the scheme.*—The scheme provides for a comprehensive literacy and educational drive by the introduction of compulsory primary education among backward class children between the ages of 6 and 12 in areas with a considerable backward class population in each district. The Children will be supplied stationery and books free of cost.

Other concessions and facilities proposed include :—

(*i*) increase in existing stipends for backward class pupils in existing hostels attached to Central Primary Schools and opening of new hostels to be so attached. Grants-in-aid to local authorities and voluntary agencies to encourage them to open special primary schools and hostels for aboriginal tribes ;

(*ii*) More monthly scholarships for backward class pupils in higher primary schools and for backward class primary teachers under training ;

(*iii*) Provision of midday meals and/or milk to backward class pupils in primary schools ;

(*iv*) Appointment of organisers under District Local Boards for increasing attendance of backward class pupils in primary schools ; and

(*v*) Provision of circulating libraries, magazines, etc., and opening of night classes and adult literacy classes.

4. *Areas selected for application.*—Villages inhabited by Backward Classes in the Province.

5. *Other departments concerned.*—Educational Department.

6. *Upper staff for planning and/or execution of the scheme.*—Nil.

7. *Lower staff for planning and/or execution of the scheme.*—Nil.

8. *How staff to be obtained.*—Does not arise.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1. *Capital* ...	*Nil.*	.....	.....	.....	.....	...
2. *Recurring* ...	3,44,500		(details to be worked out)			22,09,500

10. *To what extent is the scheme productive and/or cost recoverable.*—Nil.

11. *Nature of material, machinery, etc., needed from —*

(*i*) *abroad.*—Nil.

(*ii*) *locally.*—Nil.

12. *Any other remarks or information.*—Nil.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 209.

1. *Department.*—Education and Industries Department (Backward Class Department).

2. *Scheme.*—Ameliorative measures for the improvement of Backward Classes —Secondary Education.

3. *Brief description of the scheme.*—The scheme provides for—

(*i*) free-studentships for all backward class boys in Secondary Schools and increases in the present rates of scholarships;

(*ii*) additional scholarships (50 sets tenable for 2, 3 and 4 years at Rs. 15 p. m. each) for backward class pupils in Agricultural and Vocational High Schools;

(*iii*) increase in existing rates of scholarships and provision of additional sets of scholarships (up to 500 for Middle Schools and up to 100 for High Schools) for backward class pupils in Secondary Schools; and

(*iv*) opening of new hostels for backward class girl students in higher Primary and Secondary Schools.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Educational Department.

6. *Upper staff for planning and/or execution of the scheme.*—Nil.

7. *Lower staff for planning and/or execution of the scheme.*—Nil.

8. *How staff to be obtained.*—Does not arise.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1. *Capital* ...	*Nil.*	.....	.....	.....	.....	.....
2. *Recurring* ...	1,85,840		(details to be worked out)			14,62,000

10. *To what extent is the scheme productive and/or cost recoverable.*—Nil.

11. *Nature of material, machinery, etc., needed from*—

(*i*) *abroad.*—Nil.

(*ii*) *locally.*—Nil.

12. *Any other remarks or information.*—Nil.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 210.

1. *Department.*—Education and Industries Department (Backward Class Department).

2. *Scheme.*—Ameliorative measures for the improvement of Backward Classes—Higher Education.

3. *Brief description of the scheme.*—The scheme provides for grant to backward class pupils of—

(*i*) additional sets of scholarships at the Engineering College, Poona ;
(*ii*) free-studentships in Arts, Science and Professional (including Veterinary and Medical) Colleges ;
(*iii*) lump sum scholarships for purchase of books and stationery and payment of examination fees ;
(*iv*) scholarships for training at the Tata Institute of Social Sciences ;
(*v*) scholarships for training overseas ;
(*vi*) increase in the number and rates of existing scholarships in Arts, Science and Professional Colleges ; and
(*vii*) increase in the capitation rate of existing hostels recognised by the Backward Class Department.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Educational Department.

6. *Upper staff for planning and/or execution of the scheme.*—Nil.

7. *Lower staff for planning and/or execution of the scheme.*—Nil.

8. *How staff to be obtained.*—Does not arise.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1. *Capital* ...	*Nil.*	.....	.....	.....	.....	.....
2. *Recurring* ...	1,37,460	(details to be worked out.)				7,55,600

10. *To what extent is the scheme productive and/or cost recoverable.*—Nil.

11. *Nature of material, machinery, etc., needed from*—

(*i*) *abroad.*—Nil.
(*ii*) *locally.*—Nil.

12. *Any other remarks or information.*—Nil.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 211.

1. *Department.*—Education and Industries Department (Backward Class Department).

2. *Scheme.*—Ameliorative measures for the improvement of backward Classes—Agricultural courses.

3. *Brief description of the scheme.*—The scheme provides for grant to backward class students of—

(*i*) increase in the number of scholarships and freeships for the degree courses at the Agricultural College, Poona ;

(*ii*) more scholarships for short-term courses in Agriculture ; and

(*iii*) increase in the number of scholarships in the Agricultural schools at Dhulia and Devihosur.

4. *Areas selected for application.*—Poona, Dhulia and Devihosur.

5. *Other departments concerned.*—Agricultural Department.

6. *Upper staff for planning and/or execution of the scheme.*—Nil.

7. *Lower staff for planning and/or execution of the scheme.*—Nil.

8. *How staff to be obtained.*—Does not arise.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1. *Capital* ...	*Nil.*	.....	.....	.....	.....	...
2. *Recurring* ...	2,400	(details to be worked out.)				89,550

10. *To what extent is the scheme productive and/or cost recoverable.*—Nil.

11. *Nature of material, machinery, etc., needed from*—

(*i*) *abroad.*—Nil.

(*ii*) *locally.*—Nil.

12. *Any other remarks or information.*—Nil.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 212.

1. *Department.*—Education and Industries Department (Backward Class Department).

2. *Scheme.*—Ameliorative measures for the improvement of backward Classes—Training in Professions and Trades.

3. *Brief description of the scheme.*—The scheme provides for training of backward class students every year in various professions and trades as follows :—

Accountancy	...	10 students.	
Secretarial practice	...	10 ,,	
Dentistry	...	10 ,,	
Draughtsmanship	...	5 ,,	(at a recognised institution).
Forestry	...	5 ,,	,,

The scheme also provides for the award of ten scholarships annually to backward class students undergoing training in Architecture.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Nil.

6. *Upper staff for planning and/or execution of the scheme.*—Nil.

7. *Lower staff for planning and/or execution of the scheme.*—Nil.

8. *How staff to be obtained.*—Does not arise.

9. *Rough estimates of cost at existing rates for each year of the First Five-year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1. *Capital* ...	*Nil.*	.....	.....	.....	.....	.....
2. *Recurring* ...	10,440	(details to be worked out.)				1,08,600

10. *To what extent is the scheme productive and/or cost recoverable.*—Nil.

11. *Nature of material, machinery, etc., needed from—*

(*i*) *abroad.*—Nil.

(*ii*) *locally.*—Nil.

12. *Any other remarks or information.*—Nil.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 213.

1. *Department.*—Education and Industries Department (Backward Class Department).

2. *Scheme.*—Ameliorative measures for the Backward Classes—Specialised jobs for women.

3. *Brief description of the scheme.*—The scheme provides for training suitable backward class women on the basis of at least ten from each district in the B. P. N. A. course and at least five from each district in Infant Welfare and Public Hygiene every year. It is also proposed to award apprentice scholarships to suitable women in order to train them up for employment under Government and private enterprises.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Nil.

6. *Upper staff for planning and/or execution of the scheme.*—Nil.

7. *Lower staff for planning and/or execution of the scheme.*—Nil.

8. *How staff to be obtained.*—Does not arise.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1. *Capital* ...	*Nil.*	.....	.....	.....	.....	.....
2. *Recurring* ...	3,000	(Details to be worked out)				2,17,500

10. *To what extent is the scheme productive and/or cost recoverable.*—Nil.

11. *Nature of material, machinery, etc., needed from*—

(*i*) *abroad.*—Nil.

(*ii*) *locally.*—Nil.

12. *Any other remarks or information.*—Nil.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 214.

1. *Department.*—Education and Industries Department (Backward Class Department).

2. *Scheme.*—Ameliorative measures for the Backward Classes—Industrial Improvement and Training in Trades.

3. *Brief description of the scheme.*—It is proposed to set up a Central Technical Institute in Bombay to impart industrial training to backward class people. This Institute would be a parent body to other similar institutes in the mofussil which would be affiliated to it.

It is also proposed to start additional peripatetic demonstration parties in Backward Class areas for imparting training in the following cottage industries :—

Cotton weaving; tanning; cane and bamboo work; carpentry and wood-turning; fibre making; leather making, etc.

Scholarships will be awarded during training.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Co-operative Department.

6. *Upper staff for planning and/or execution of the scheme.*—Nil.

7. *Lower staff for planning and/or execution of the scheme.*—Nil.

8. *How staff to be obtained.*—Does not arise.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1. *Capital* ...	*Nil.*	.....	.....	.....	.....	...
2. *Recurring* ...	21,600		(Details to be worked out)			50,000

10. *To what extent is the scheme productive and/or cost recoverable.*—Nil.

11. *Nature of material, machinery, etc., needed from—*

(*i*) *abroad.*—Nil.

(*ii*) *locally.*—Nil.

12. *Any other remarks or information.*—Nil.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 215.

1. *Department.*—Education and Industries Department (Backward Class Department).

2. *Scheme.*—Ameliorative measures for Backward Classes—Provision of Grain Shops and Training in Trades.

3. *Brief description of the scheme.*—The scheme provides for establishment of grain depots, to be further developed into general depots to meet the needs of backward class borrowers and also for other commodities in suitable places.

It is also proposed (supplementary to scheme No. 214) to establish Industrial Multi-purpose Societies to provide the trained persons with facilities such as supply of raw materials, supervision over the production of goods and marketing of finished products. Subsidies will also be given to the trained candidates to start their own business.

4. *Areas selected for application.*—Suitable centres in the Province.

5. *Other departments concerned.*—Co-operative Department.

6. *Upper staff for planning and/or execution of the scheme.*—Nil.

7. *Lower staff for planning and/or execution of the scheme.*—Nil.

8. *How staff to be obtained.*—Does not arise.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1. *Capital* ...	*Nil.*	.....	.....	.....	.....	.....
2. *Recurring* ...	10,000	(Details to be worked out).				6,50,000

10. *To what extent is the scheme productive and/or cost recoverable.*—Nil.

11. *Nature of material, machinery, etc., needed from—*

(*i*) *abroad.*—Nil.

(*ii*) *locally.*—Nil.

12. *Any other remarks or information.*—Nil.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 216.

1. *Department.*—Education and Industries Department (Backward Class Department).

2. *Scheme.*—Ameliorative measures for Backward Classes—Vocational Training.

3. *Brief description of the scheme.*—It is proposed to provide additional sets of scholarships to backward class candidates for training in technical subjects such as carpentry, smithy, mechanical and electrical engineering, radio technology, etc.

Apprentice scholarships will also be granted to enable backward class candidates to take up service in offices and industrial concerns (pharmaceutical and textile, etc.) and also as compounders, vaccinators, sanitary inspectors, etc.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Educational Department.

6. *Upper staff for planning and/or execution of the scheme.*—Nil.

7. *Lower staff for planning and/or execution of the scheme.*—Nil.

8. *How staff to be obtained.*—Does not arise.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1. *Capital* ...	*Nil.*	.....	...	.....	.....	.....
2. *Recurring* ...	9,540	(Details to be worked out.)				1,60,200

10. *To what extent is the scheme productive and/or cost recoverable.*—Nil.

11. *Nature of material, machinery, etc., needed from—*

(*i*) *abroad.*—Nil.

(*ii*) *locally.*—Nil.

12. *Any other remarks or information.*—Nil.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 217.

1. *Department.*—Education and Industries Department (Backward Class Department).

2. *Scheme.*—Ameliorative measures for the improvement of Backward Classes —Agricultural improvements.

3. *Brief description of the scheme.*—The scheme provides for various agricultural improvements for the benefit of backward class people in particular. These include :—

(*i*) experiments in joint farming on co-operative lines at more suitable centres in each district ;

(*ii*) introduction of the " Premium Cow " scheme in more villages and adequate grants to backward class people for taking advantage of the scheme ;

(*iii*) establishment of Central Poultry Farms ;

(*iv*) supply of seeds, manure and agricultural implements at concessional rates ;

(*v*) grant of available forest lands on new tenure with nominal occupancy price ; and

(*vi*) special measures to ensure that backward class agriculturists get the benefits of the Tenancy Act and Agricultural Debtors' Relief Act.

4. *Areas selected for application.*—Suitable areas in the Province.

5. *Other departments concerned.*—Agricultural Department.

6. *Upper staff for planning and/or execution of the scheme.*—Nil.

7. *Lower staff for planning and/or execution of the scheme.*—Nil.

8. *How staff to be obtained.*—Does not arise.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1. *Capital* ...	*Nil.*	.....	.....	.....	.....	.....
2. *Recurring* ...	10,000	(Details to be worked out.)			.....	3,10,000

10. *To what extent is the scheme productive and/or cost recoverable.*—Nil.

11. *Nature of material, machinery, etc., needed from—*

(*i*) *abroad.*—Nil.

(*ii*) *locally.*—Nil.

12. *Any other remarks or information.*—Nil.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 218.

1. *Department.*—Education and Industries Department (Backward Class Department).

2. *Scheme.*—Ameliorative measures for Backward Classes—Health Improvements.

3. *Brief description of the scheme.*—The scheme provides for medical aid to backward class people by the extension of the Village Aid scheme and opening of Cottage hospitals (10 to begin with) in partially excluded and backward areas.

4. *Areas selected for application.*—Partially excluded and Backward Class areas.

5. *Other departments concerned.*—Medical Department.

6. *Upper staff for planning and/or execution of the scheme.*—Nil.

7. *Lower staff for planning and/or execution of the scheme.*—Nil.

8. *How staff to be obtained.*—Does not arise.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1. *Capital* ...	*Nil.*	.....	.....	.....	.....	.....
2. *Recurring* ...	2,12,578	(Details to be worked out.)			.....	10,12,850

10. *To what extent is the scheme productive and/or recoverable.*—Nil.

11. *Nature of material, machinery, etc., needed from*—

(*i*) *abroad.*—Nil.

(*ii*) *locally.*—Nil.

12. *Any other remarks or information.*—Nil.

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NATIONAL ARCHIVES OF INDIA

SCHEME No. 219.

1. *Department.*—Education and Industries Department (Backward Class Department).

2. *Scheme.*—Ameliorative measures for Backward Classes—Building Societies.

3. *Brief description of the scheme.*—Housing conditions in villages populated by backward classes are far from satisfactory. It is proposed to construct cheap buildings for them through the agency of Building Societies to be started for the purpose. These Societies, will be opened in 50 selected centres. Each Society will be given an interest free loan up to Rs. 10,000, repayable in 20 years.

4. *Areas selected for application.*—Fifty selected centres in the Province.

5. *Other departments concerned.*—Co-operative Department.

6. *Upper staff for planning and/or execution of the scheme.*—Nil.

7. *Lower staff for planning and/or execution of the scheme.*—Nil.

8. *How staff to be obtained.*—Does not arise.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1. *Capital* ...	*Nil.*	.....	.....	.....	.....	.....
2. *Recurring* ...	1,00,000	1,00,000	1,00,000	1,00,000	1,00,000	5,00,000

10. *To what extent is the scheme productive and/or cost recoverable.*—Nil.

11. *Nature of material, machinery, etc., needed from*—

(*i*) *abroad.*—Nil.

(*ii*) *locally.*—Nil.

12. *Any other remarks or information.*—Nil.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 220.

1. *Department.*—Education and Industries Department (Backward Class Department).

2. *Scheme.*—Ameliorative measures for Backward Classes—Tagai Loans.

3. *Brief description of the scheme.*—The scheme provides for grant of tagai loans, free of interest, to backward class people for purchase of small pieces of lands, etc.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Revenue Department.

6. *Upper staff for planning and/or execution of the scheme.*—Nil.

7. *Lower staff for planning and/or execution of the scheme.*—Nil.

8. *How staff to be obtained.*—Does not arise.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1. *Capital* ...	*Nil.*	.....	.....	.....	.....	.....
2. *Recurring* ...	15,000	(Details to be worked out.)			.....	3,00,000

10. *To what extent is the scheme productive and/or cost recoverable.*—Nil.

11. *Nature of material, machinery, etc., needed from*—

(*i*) *abroad.*—Nil.

(*ii*) *locally.*—Nil.

12. *Any other remarks or information.*—Nil.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 221.

1. *Department.*—Education and Industries Department (Backward Class Department).

2. *Scheme.*—Ameliorative measures for Backward Classes—Propaganda.

3. *Brief description of the scheme.*—It is proposed to provide an amount of Rs. 1 lakh every year for propaganda purposes. The propaganda work will be entrusted to voluntary agencies and will relate to removal of untouchability, etc. The medium of village broadcasts will also be utilised for this purpose.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Nil.

6. *Upper staff for planning and/or execution of the scheme.*—Nil.

7. *Lower staff for planning and/or execution of the scheme.*—Nil.

8. *How staff to be obtained.*—Does not arise.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1. *Capital* ...	*Nil.*	.....	.....	.....	.....	.....
2. *Recurring* ...	1,00,000	1,00,000	1,00,000	1,00,000	1,00,000	5,00,000

10. *To what extent is the scheme productive and/or cost recoverable.*—Nil.

11. *Nature of material, machinery, etc., needed from*—

(*i*) *abroad.*—Nil.

(*ii*) *locally.*—Nil.

12. *Any other remarks or information.*—Nil.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 222.

1. *Department.*—Education and Industries Department (Backward Class Department).

2. *Scheme.*—Ameliorative Measures for the improvement of Backward Classes—Special grants.

3. *Brief description of the scheme.*—In addition to the various schemes for the amelioration of the present conditions of the backward classes and the amounts placed at the disposal of the Backward Class Officer for specific purposes, it is further proposed to allot Rs. 10,000 every year as a discretionery grant at the disposal of that Officer, to be utilised for giving redress in emergent cases and for special grants for activities organised for the uplift of backward classes.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Nil.

6. *Upper staff for planning and/or execution of the scheme.*—Nil.

7. *Lower staff for planning and/or execution of the scheme.*—Nil.

8. *How staff to be obtained.*—Does not arise.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1. *Capital* ...	*Nil.*	.....	.....	.....	.....	.....
2. *Recurring* ...	10,000	10,000	10,000	10,000	10,000	50,000

10. *To what extent is the scheme productive and/or cost recoverable.*—Nil.

11. *Nature of material, machinery, etc., needed from*—

(*i*) *abroad.*—Nil.

(*ii*) *locally.*—Nil.

12. *Any other remarks or information.*—Nil.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 223.

1. *Department.*—Education and Industries Department (Backward Class Department).

2. *Scheme.*—Ameliorative Measures for improvement of Backward Classes—Staff for Re-organisation.

2. *Brief description of the scheme.*—Originally the activities of the Backward Class Officer were almost entirely of an advisory nature. With the introduction of the various schemes for the uplift of backward classes, this Officer will be entrusted with more executive work, with supervision and advice in regard to activities carried out through voluntary agencies and with the collection and dissamination of information on all matters concerning the backward classes. He will also function as a link between the Provincial Backward Class Board, the District Backward Class Committees and Government. It is therefore proposed to strengthen his staff suitably to enable him to carry out all these extensive functions.

4. *Areas selected for application.*—Whole Province.

5. *Other departments concerned.*—Home Department.

6. *Upper staff for planning and/or execution of the scheme—*
One post of P. A. to the Backward Class Officer.
One post of Special Officer for Upghat Area with headquarters at Surat.
One post of Special Officer, Thana, to be raised to Special Officer, Belowghat Area.
Two posts of Superintendents in Head Office.
Two posts of Backward Class Organisers (in addition to 10 already existing).

7. *Lower staff for planning and/or execution of the scheme.—*
For the Head Office at Poona :—
One Head clerk.
One Senior clerk.
Four Special clerks.
For district offices :—
Fifteen clerks.
Fourteen peons.

8. *How staff to be obtained.*—Upper staff to be appointed either by direct recruitment or by selection. Lower staff by local recruitment.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.—*

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1. *Capital* ...	*Nil.*	.....	.....	.....	.....	.....
2. *Recurring* ...	35,736	(details to be worked out)				1,78,660

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10. *To what extent is the scheme productive and/or cost recoverable.*—Nil.

11. *Nature of material, machinery, etc., needed from—*

(*i*) *abroad.*—Nil.

(*ii*) *locally.*—Nil.

12. *Any other remarks or information.*—The details of the scheme may be seen at pages 242–243 of the printed Budget Memorandum.

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SCHEME No. 224.

1. *Department.*—Education and Industries Department (Backward Class Department).

2. *Scheme.*—Ameliorative Measures for the improvement of Backward Classes—Construction of Backward Class Hostel, Poona.

3. *Brief description of the scheme.*—It is proposed to construct a new building for the Government Backward Class Hostel at Poona.

4. *Areas selected for application.*—Poona.

5. *Other departments concerned.*—Public Works Department.

6. *Upper staff for planning and/or execution of the scheme.*—Nil.

7. *Lower staff for planning and/or execution of the scheme.*—Nil.

8. *How staff to be obtained.*—Does not arise.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan :—*

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1. *Capital* ...	1,00,000	.....	.....	.....	.....	1,00,000
2. *Recurring* ...	.....	.....	.....	.....	.....	.....

10. *To what extent is the scheme productive and/or cost recoverable.*—Nil.

11. *Nature of material, machinery, etc., needed from—*

(*i*) *abroad.*—Nil.

(*ii*) *locally.*—Nil.

12. *Any other remarks or information.*—Nil.

NATIONAL ARCHIVES OF INDIA

SCHEME No. 225.

1. *Department.*—Education and Industries Department (Backward Class Department).

2. *Scheme.*—Ameliorative Measures for the improvement of Backward Classes—New Building for the Backward Class Office.

3. *Brief description of the scheme.*—The present Head Office building of the Backward Class Officer is far from satisfactory and there is urgent need for a new building to house the office. It is proposed to demolish the existing building and construct a new one in its place.

4. *Areas selected for application.*—Poona.

5. *Other departments concerned.*—Public Works Department.

6. *Upper staff for planning and/or execution of the scheme.*—Nil.

7. *Lower staff for planning and/or execution of the scheme.*—Nil.

8. *How staff to be obtained.*—Does not arise.

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan—*

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1. *Capital* ...	50,000	.....	.....	.....	.....	50,000
2. *Recurring* ...	.....	.....	.....	.....	.....	.....

10. *To what extent is the scheme productive and/or cost recoverable.*—Nil.

11. *Nature of material, machinery, etc., needed from—*

(*i*) *abroad.*—Nil.

(*ii*) *locally.*—Nil.

12. *Any other remarks or information.*—Nil.

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SCHEME No. 226.

1. *Department.*—Civil Supplies.

2. *Scheme.*—Improved Milk Supply.

3. *Brief description of the scheme.*—It is proposed to improve the present arrangements relating to milk supply in large cities and towns, which are far from satisfactory, and to organise the trade on hygienic lines. The scheme provides for the removal of cattle stables in Bombay City and Bombay Suburban district to suitable colonies within fifty miles of Bombay where Government will provide properly constructed Dairy Farms and other necessary facilities. The scheme does not aim at the milk trade being managed wholly by Government, but only provides for assistance on the right lines to producers to enable them to organise it on a properly regulated basis. The production of milk on the one hand and its processing, transport, and distribution on the other will be separated under the new arrangments and distribution entrusted to licensed and authorised agencies. Control of the quality of the milk produced will also be rigidly enforced.

4. *Areas selected for application.*—Bombay City and Bombay Suburban district in the first instance, and other suitable areas in the Province.

5. *Other departments concerned.*—Agricultural and Public Works Departments.

6. *Upper staff for planning and/or execution of the scheme.*— } Details being worked out.

7. *Lower staff for planning and/or execution of the scheme.*— }

8. *How staff to be obtained.*—

9. *Rough estimates of cost at existing rates for each year of the First Five-Year Plan.*—

	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(*a*) *Capital* ...	(Details to be worked out)					4,35,00,000
(*b*) *Recurring* ...						30,00,000
Total ...	.....	.....	.....	.....	.....	4,65,00,000

10. *To what extent is the scheme productive and/or cost recoverable.*—

11. *Nature of material, machinery, etc., needed.*—Details to be worked out.

12. *Any other remarks or information.*—

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